Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059582.D
Acq On : 1 Nov 2023 16:40
Operator : MA/JU
Sample : PB156564BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 03:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS564

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	88317	20.000	ng/ul	0.00
20) Naphthalene-d8	11.210	136	393188	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.988	164	253478	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.738	188	543850	20.000	ng/ul	0.00
79) Chrysene-d12	22.080	240	384959	20.000	ng/ul	0.00
88) Perylene-d12	25.693	264	430699	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.654	96	8168m	3.460	ng/uL	0.00
4) Pyridine-d5	4.089	84	132002	20.012	ng/ul	0.00
7) Phenol-d5	7.473	99	216621	23.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	94665	22.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.873	132	180688	24.541	ng/ul	0.00
15) 4-Methylphenol-d8	9.042	113	189192	26.276	ng/ul	0.00
21) Nitrobenzene-d5	9.559	128	94375	33.757	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	107963	37.617	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.805	165	182284	28.827	ng/ul	0.00
31) 4-Chloroaniline-d4	11.345	131	274314	26.353	ng/ul	0.00
46) Dimethylphthalate-d6	14.383	166	612563	26.674	ng/ul	0.00
49) Acenaphthylene-d8	14.688	160	719789	26.708	ng/ul	0.00
54) 4-Nitrophenol-d4	15.158	143	126124	32.027	ng/ul	0.00
60) Fluorene-d10	15.975	176	533837	27.201	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.081	200	90688	35.212	ng/ul	0.00
73) Anthracene-d10	17.838	188	787499	26.728	ng/ul	0.00
81) Pyrene-d10	20.106	212	790257	29.534	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.441	264	715398	28.208	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.695	88	17449	6.604	ng/uL#	91
5) Pyridine	4.113	79	121785	18.717	ng/ul#	83
6) Benzaldehyde	7.503	77	110313	26.986	ng/ul	97
8) Phenol	7.497	94	229862	26.866	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.773	93	150728	24.023	ng/ul	96
12) 2-Chlorophenol	7.908	128	196717	26.950	ng/ul	91
13) 2-Methylphenol	8.778	108	193253	27.095	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.866	45	131111m	22.205	ng/ul	
16) Acetophenone	9.201	105	303005	26.697	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.165	70	129183	24.156	ng/ul#	96
18) 4-Methylphenol	9.107	108	210336	27.716	ng/ul	95
19) Hexachloroethane	9.447	117	80424	27.741	ng/ul	88
22) Nitrobenzene	9.600	77	206750	34.262	ng/ul#	96
23) Isophorone	10.111	82	405306	26.671	ng/ul#	92
25) 2-Nitrophenol	10.311	139	109991	35.634	ng/ul#	84
26) 2,4-Dimethylphenol	10.329	107	206621	25.450	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.593	93	215281	25.443	ng/ul	98
29) 2,4-Dichlorophenol	10.828	162	183657	30.021	ng/ul	90
30) Naphthalene	11.257	128	655104	26.732	ng/ul	99
32) 4-Chloroaniline	11.375	127	252757	25.563	ng/ul#	86
33) Hexachlorobutadiene	11.486	225	99730	27.174	ng/ul	99
34) Caprolactam	12.150	113	64211m	28.691	ng/ul	
35) 4-Chloro-3-methylphenol	12.438	107	227105	31.113	ng/ul	93
36) 2-Methylnaphthalene	12.838	142	460881	27.336	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059582.D
Acq On : 1 Nov 2023 16:40
Operator : MA/JU
Sample : PB156564BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 03:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS564

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.055	142	470437	28.014	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.178	216	204636	27.990	ng/ul	98
40) Hexachlorocyclopentadiene	13.131	237	101196	23.745	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.419	196	152994	30.222	ng/ul	93
42) 2,4,5-Trichlorophenol	13.484	196	167998	30.652	ng/ul	89
43) 1,1'-Biphenyl	13.825	154	624794	27.247	ng/ul	95
44) 2-Chloronaphthalene	13.878	162	479535	26.907	ng/ul#	93
45) 2-Nitroaniline	14.089	65	132608	39.989	ng/ul	92
47) Dimethylphthalate	14.430	163	610746	26.919	ng/ul#	95
48) 2,6-Dinitrotoluene	14.571	165	124571	36.397	ng/ul#	71
50) Acenaphthylene	14.718	152	844800	27.206	ng/ul	96
51) 3-Nitroaniline	14.906	138	147960	34.683	ng/ul#	85
52) Acenaphthene	15.053	153	561976	27.765	ng/ul	99
53) 2,4-Dinitrophenol	15.100	184	60439	31.079	ng/ul#	79
55) 4-Nitrophenol	15.176	109	157542	36.300	ng/ul	95
56) Dibenzofuran	15.382	168	737308	28.097	ng/ul	89
57) 2,4-Dinitrotoluene	15.346	165	178138	37.002	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.587	232	142306	33.082	ng/ul#	94
59) Diethylphthalate	15.775	149	704594	28.469	ng/ul	98
61) Fluorene	16.034	166	636135	28.081	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.016	204	283826	29.316	ng/ul	97
63) 4-Nitroaniline	16.069	138	164066m	36.239	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.099	198	90529	33.352	ng/ul#	86
67) N-Nitrosodiphenylamine	16.234	169	542354	29.186	ng/ul	97
68) 4-Bromophenyl-phenylether	16.915	248	168307	30.927	ng/ul	98
69) Hexachlorobenzene	17.003	284	186951	29.724	ng/ul	97
70) Atrazine	17.168	200	169029	29.354	ng/ul	93
71) Pentachlorophenol	17.356	266	122946	34.217	ng/ul	93
72) Phenanthrene	17.785	178	976241	27.612	ng/ul	99
74) Anthracene	17.879	178	998332	27.966	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.784	216	204131	28.186	ng/uL	92
76) Pentachlorobenzene	15.276	250	201522	29.323	ng/uL	96
77) Carbazole	18.149	167	902885	29.442	ng/ul	97
78) Di-n-butylphthalate	18.660	149	1145232	27.179	ng/ul	99
80) Fluoranthene	19.777	202	1013986	31.087	ng/ul#	96
82) Pyrene	20.141	202	999646	29.505	ng/ul#	94
83) Butylbenzylphthalate	21.005	149	461024	30.130	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.962	252	305024	30.470	ng/ul#	94
85) Benzo(a)anthracene	22.056	228	912695	28.810	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.892	149	672407	29.451	ng/ul	98
87) Chrysene	22.133	228	849282	28.819	ng/ul	99
89) Di-n-octyl phthalate	23.249	149	1147480	30.430	ng/ul	100
90) Benzo(b)fluoranthene	24.524	252	909185	29.122	ng/ul#	96
91) Benzo(k)fluoranthene	24.600	252	887782	28.468	ng/ul#	96
93) Benzo(a)pyrene	25.517	252	853249	28.916	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.888	276	1114455m	29.797	ng/ul	
95) Dibenzo(a,h)anthracene	29.976	278	915787	29.647	ng/ul	97
96) Benzo(g,h,i)perylene	31.204	276	891798m	29.133	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
Data File : BG059582.D
Acq On : 1 Nov 2023 16:40
Operator : MA/JU
Sample : PB156564BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 03:24:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 28 03:56:42 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS564

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023