Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100923\
Data File : BG059415.D
Acq On : 10 Oct 2023 3:27
Operator : MA/JU
Sample : PB156170BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 10 05:38:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 22:45:22 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS170

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	37053	20.000	ng/ul	0.00
20) Naphthalene-d8	11.068	136	181990	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.863	164	123197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.607	188	273898	20.000	ng/ul	0.00
79) Chrysene-d12	21.914	240	240580	20.000	ng/ul	0.00
88) Perylene-d12	25.392	264	279029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	8823m	8.490	ng/uL	0.00
4) Pyridine-d5	3.959	84	115793	38.711	ng/ul	0.00
7) Phenol-d5	7.355	99	168340	41.146	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	94761	40.978	ng/ul	0.00
11) 2-Chlorophenol-d4	7.748	132	123088	43.017	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	129012	40.472	ng/ul	0.00
21) Nitrobenzene-d5	9.429	128	65762	42.448	ng/ul	0.00
24) 2-Nitrophenol-d4	10.145	143	74139	44.215	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	134352	44.392	ng/ul	0.00
31) 4-Chloroaniline-d4	11.215	131	191256	39.783	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	414823	41.100	ng/ul	0.00
49) Acenaphthylene-d8	14.564	160	501720	41.771	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	76516	40.455	ng/ul	0.00
60) Fluorene-d10	15.850	176	384625	39.923	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	74355	41.117	ng/ul	0.00
73) Anthracene-d10	17.707	188	589066	43.842	ng/ul	0.00
81) Pyrene-d10	19.987	212	628784	43.144	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.151	264	645105	43.935	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	18458m	16.638	ng/uL	
5) Pyridine	3.988	79	103104	34.139	ng/ul	95
6) Benzaldehyde	7.372	77	76661	45.172	ng/ul	93
8) Phenol	7.384	94	170402	42.119	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.642	93	130912	42.017	ng/ul	95
12) 2-Chlorophenol	7.778	128	128861	42.738	ng/ul	95
13) 2-Methylphenol	8.653	108	125316	41.453	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.729	45	269429m	41.330	ng/ul	
16) Acetophenone	9.070	105	196411	40.547	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.035	70	94511	39.157	ng/ul	92
18) 4-Methylphenol	8.988	108	136711	41.124	ng/ul	95
19) Hexachloroethane	9.311	117	48737	44.439	ng/ul#	83
22) Nitrobenzene	9.470	77	139038	40.938	ng/ul#	97
23) Isophorone	9.975	82	299071	41.238	ng/ul	98
25) 2-Nitrophenol	10.175	139	74891	43.306	ng/ul#	91
26) 2,4-Dimethylphenol	10.204	107	130504	38.255	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.457	93	183692	42.150	ng/ul	99
29) 2,4-Dichlorophenol	10.704	162	136189	44.687	ng/ul	95
30) Naphthalene	11.121	128	446770	42.446	ng/ul	98
32) 4-Chloroaniline	11.238	127	175565	38.603	ng/ul	99
33) Hexachlorobutadiene	11.350	225	82605	44.891	ng/ul	93
34) Caprolactam	12.026	113	44029m	39.785	ng/ul	
35) 4-Chloro-3-methylphenol	12.319	107	139757	42.736	ng/ul	96
36) 2-Methylnaphthalene	12.707	142	300656	42.847	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.924	142	300510	41.248	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.048	216	161348	43.968	ng/ul	97
40) Hexachlorocyclopentadiene	13.001	237	86340	39.191	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.295	196	110304	44.299	ng/ul	91
42) 2,4,5-Trichlorophenol	13.365	196	118773	43.920	ng/ul	99
43) 1,1'-Biphenyl	13.700	154	441308	43.523	ng/ul	96
44) 2-Chloronaphthalene	13.753	162	331049	42.474	ng/ul	97
45) 2-Nitroaniline	13.970	65	107614	42.165	ng/ul	93
47) Dimethylphthalate	14.305	163	418960	41.302	ng/ul	99
48) 2,6-Dinitrotoluene	14.452	165	89189	43.582	ng/ul	95
50) Acenaphthylene	14.593	152	549656	42.573	ng/ul	99
51) 3-Nitroaniline	14.793	138	91413	45.618	ng/ul	90
52) Acenaphthene	14.928	153	368844	42.223	ng/ul	99
53) 2,4-Dinitrophenol	14.993	184	33676	22.909	ng/ul	91
55) 4-Nitrophenol	15.075	109	50679	39.713	ng/ul	86
56) Dibenzofuran	15.257	168	502691	41.705	ng/ul	98
57) 2,4-Dinitrotoluene	15.228	165	124777	41.632	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.469	232	108529	41.824	ng/ul	95
59) Diethylphthalate	15.651	149	409367	40.577	ng/ul	98
61) Fluorene	15.909	166	417024	40.664	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.886	204	214731	42.374	ng/ul	96
63) 4-Nitroaniline	15.956	138	90748	50.302	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.980	198	78139	40.626	ng/ul	95
67) N-Nitrosodiphenylamine	16.109	169	348703	44.988	ng/ul	99
68) 4-Bromophenyl-phenylether	16.785	248	129424	44.499	ng/ul	98
69) Hexachlorobenzene	16.879	284	145434	43.807	ng/ul	97
70) Atrazine	17.043	200	126945	41.308	ng/ul	98
71) Pentachlorophenol	17.237	266	71217	36.910	ng/ul	93
72) Phenanthrene	17.654	178	718719	44.307	ng/ul	99
74) Anthracene	17.748	178	728175	44.137	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.659	216	162053	45.541	ng/uL	93
76) Pentachlorobenzene	15.151	250	158945	43.159	ng/uL	96
77) Carbazole	18.024	167	612477	44.610	ng/ul	98
78) Di-n-butylphthalate	18.524	149	734676	45.229	ng/ul	99
80) Fluoranthene	19.646	202	803180	44.289	ng/ul	98
82) Pyrene	20.016	202	830515	44.066	ng/ul	97
83) Butylbenzylphthalate	20.862	149	312540	44.881	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.808	252	280435	46.726	ng/ul	98
85) Benzo(a)anthracene	21.890	228	810408	44.107	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.720	149	461052	44.268	ng/ul	99
87) Chrysene	21.961	228	753085	43.636	ng/ul	96
89) Di-n-octyl phthalate	23.013	149	797333	45.287	ng/ul	100
90) Benzo(b)fluoranthene	24.264	252	823833	44.811	ng/ul	99
91) Benzo(k)fluoranthene	24.340	252	854464	45.774	ng/ul#	95
93) Benzo(a)pyrene	25.228	252	794365	45.360	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.417	276	906537	44.939	ng/ul	95
95) Dibenzo(a,h)anthracene	29.493	278	738032	44.994	ng/ul	98
96) Benzo(g,h,i)perylene	30.715	276	727405m	45.214	ng/ul	

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

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