Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049634.D
Acq On : 4 Aug 2021 12:30
Operator : CG/JU
Sample : SSTD01016
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010416

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:35 PM

Quant Time: Aug 04 14:02:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.045	152	23086	20.000	ng/ul		0.00
20) Naphthalene-d8	10.865	136	96586	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.695	164	65465	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.444	188	144900	20.000	ng/ul		0.00
79) Chrysene-d12	21.726	240	143866	20.000	ng/ul		0.00
88) Perylene-d12	24.998	264	151061	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.422	96	1918	3.801	ng/uL		0.00
4) Pyridine-d5	3.851	84	13830	9.542	ng/ul		0.00
7) Phenol-d5	7.199	99	19803	9.695	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	12407	10.725	ng/ul		0.00
11) 2-Chlorophenol-d4	7.569	132	14317	9.778	ng/ul		0.00
15) 4-Methylphenol-d8	8.750	113	15173	9.855	ng/ul		0.00
21) Nitrobenzene-d5	9.208	128	7452	10.035	ng/ul		0.00
24) 2-Nitrophenol-d4	9.937	143	8019	9.215	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.483	165	16074	10.157	ng/ul		0.00
31) 4-Chloroaniline-d4	11.000	131	22276	10.099	ng/ul		0.00
46) Dimethylphthalate-d6	14.090	166	53211	10.611	ng/ul		0.00
49) Acenaphthylene-d8	14.389	160	63283	10.865	ng/ul		0.00
54) 4-Nitrophenol-d4	14.895	143	7410	8.973	ng/ul		0.00
60) Fluorene-d10	15.688	176	45337	10.494	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	8153	9.080	ng/ul		0.00
73) Anthracene-d10	17.544	188	68817	10.219	ng/ul		0.00
81) Pyrene-d10	19.829	212	79425	10.797	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.775	264	81619	10.280	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.457	88	2650	3.842	ng/uL	#	89
5) Pyridine	3.874	79	14913	9.619	ng/ul		90
6) Benzaldehyde	7.176	77	10489	8.606	ng/ul		84
8) Phenol	7.223	94	19604	9.825	ng/ul	#	94
10) Bis(2-Chloroethyl)ether	7.452	93	13105	9.534	ng/ul	#	86
12) 2-Chlorophenol	7.604	128	14012	9.941	ng/ul		94
13) 2-Methylphenol	8.486	108	15373	10.109	ng/ul		96
14) 2,2'-oxybis(1-Chloropr...	8.562	45	16798	10.428	ng/ul	#	82
16) Acetophenone	8.867	105	25471	10.279	ng/ul		99
17) N-Nitroso-di-n-propyla...	8.844	70	14225	11.133	ng/ul	#	95
18) 4-Methylphenol	8.809	108	15732	9.834	ng/ul		98
19) Hexachloroethane	9.126	117	6607	10.405	ng/ul	#	67
22) Nitrobenzene	9.255	77	20829	9.394	ng/ul	#	91
23) Isophorone	9.772	82	37647	10.133	ng/ul		95
25) 2-Nitrophenol	9.972	139	9052	11.054	ng/ul		97
26) 2,4-Dimethylphenol	10.019	107	20468	10.487	ng/ul		88
27) Bis(2-Chloroethoxy)met...	10.260	93	18359	9.908	ng/ul		95
29) 2,4-Dichlorophenol	10.506	162	15204	9.827	ng/ul		100
30) Naphthalene	10.912	128	48273	9.703	ng/ul	#	95
32) 4-Chloroaniline	11.023	127	20917	9.969	ng/ul		93
33) Hexachlorobutadiene	11.200	225	13004	10.994	ng/ul		93
34) Caprolactam	11.769	113	4125m	7.840	ng/ul		
35) 4-Chloro-3-methylphenol	12.145	107	17594	10.107	ng/ul		99
36) 2-Methylnaphthalene	12.521	142	39482	10.843	ng/ul		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049634.D
Acq On : 4 Aug 2021 12:30
Operator : CG/JU
Sample : SSTD01016
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010416

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:35 PM

Quant Time: Aug 04 14:02:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.739	142	37573	10.211	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.885	216	19859	10.207	ng/ul	94
40) Hexachlorocyclopentadiene	12.862	237	8060	6.875	ng/ul#	82
41) 2,4,6-Trichlorophenol	13.126	196	12335	10.316	ng/ul#	94
42) 2,4,5-Trichlorophenol	13.209	196	14187m	11.110	ng/ul	
43) 1,1'-Biphenyl	13.526	154	49780	10.678	ng/ul#	97
44) 2-Chloronaphthalene	13.573	162	38833	10.705	ng/ul#	94
45) 2-Nitroaniline	13.773	65	13104	10.179	ng/ul	95
47) Dimethylphthalate	14.137	163	51393	10.539	ng/ul	96
48) 2,6-Dinitrotoluene	14.266	165	10261	10.543	ng/ul#	85
50) Acenaphthylene	14.413	152	58056	10.437	ng/ul	96
51) 3-Nitroaniline	14.595	138	9066	9.340	ng/ul#	88
52) Acenaphthene	14.759	153	41508	10.405	ng/ul	95
53) 2,4-Dinitrophenol	14.812	184	3626	7.478	ng/ul#	88
55) 4-Nitrophenol	14.900	109	9308	8.312	ng/ul	97
56) Dibenzofuran	15.094	168	58124	10.790	ng/ul	95
57) 2,4-Dinitrotoluene	15.053	165	15019	10.887	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.323	232	11243	9.702	ng/ul#	92
59) Diethylphthalate	15.500	149	52076	10.318	ng/ul	99
61) Fluorene	15.740	166	47332	10.350	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.735	204	25269	10.615	ng/ul	95
63) 4-Nitroaniline	15.752	138	7448	7.738	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.823	198	7992	9.669	ng/ul#	91
67) N-Nitrosodiphenylamine	15.946	169	40335	10.622	ng/ul	95
68) 4-Bromophenyl-phenylether	16.627	248	17472	10.829	ng/ul	88
69) Hexachlorobenzene	16.751	284	18546	10.160	ng/ul	95
70) Atrazine	16.892	200	17997	10.377	ng/ul	95
71) Pentachlorophenol	17.097	266	5860m	6.933	ng/ul	
72) Phenanthrene	17.485	178	77756	10.308	ng/ul	98
74) Anthracene	17.579	178	77759	10.172	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.491	216	20903	10.616	ng/uL	96
76) Pentachlorobenzene	15.018	250	22446	10.775	ng/uL#	83
77) Carbazole	17.849	167	69788	10.212	ng/ul	97
78) Di-n-butylphthalate	18.402	149	82945	9.760	ng/ul	99
80) Fluoranthene	19.500	202	96404	10.793	ng/ul	98
82) Pyrene	19.858	202	97138	10.953	ng/ul	99
83) Butylbenzylphthalate	20.740	149	34653	10.036	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.621	252	33832	10.235	ng/ul#	98
85) Benzo(a)anthracene	21.709	228	94649	10.761	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.603	149	51258	10.003	ng/ul	96
87) Chrysene	21.773	228	87106	10.346	ng/ul	96
89) Di-n-octyl phthalate	22.831	149	88553	9.973	ng/ul	100
90) Benzo(b)fluoranthene	23.953	252	95739m	10.112	ng/ul	
91) Benzo(k)fluoranthene	24.023	252	96953	10.463	ng/ul	99
93) Benzo(a)pyrene	24.846	252	85480	10.407	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.740	276	112829m	10.766	ng/ul	
95) Dibenzo(a,h)anthracene	28.805	278	95820m	11.048	ng/ul	
96) Benzo(g,h,i)perylene	29.909	276	94591	10.856	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080421\
Data File : BG049634.D
Acq On : 4 Aug 2021 12:30
Operator : CG/JU
Sample : SSTD01016
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 14:02:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 13:55:58 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010416

Manual Integrations APPROVED
mohammad
8/5/2021 5:05:35 PM