Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020210

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:39 PM

Quant Time: Jul 13 12:22:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	24010	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.890	136	99248	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.715	164	73324	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.465	188	169591	20.000	ng/ul	0.00
79) Chrysene-d12	21.748	240	166614	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	175554	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	4218	8.264	ng/uL	-0.02
4) Pyridine-d5	3.881	84	27615	18.400	ng/ul	0.00
7) Phenol-d5	7.224	99	41688	19.961	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.389	67	24121	19.913	ng/ul	0.00
11) 2-Chlorophenol-d4	7.594	132	31210	20.219	ng/ul	-0.01
15) 4-Methylphenol-d8	8.775	113	34397	20.556	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	15723	20.645	ng/ul	0.00
24) 2-Nitrophenol-d4	9.962	143	19006	21.739	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.509	165	36755	21.546	ng/ul	0.00
31) 4-Chloroaniline-d4	11.020	131	43661	19.640	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	112913	20.023	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	134507	20.329	ng/ul	0.00
54) 4-Nitrophenol-d4	14.909	143	17461	18.708	ng/ul	0.00
60) Fluorene-d10	15.708	176	96271	20.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.820	200	14617m	13.560	ng/ul	0.00
73) Anthracene-d10	17.565	188	157994	20.462	ng/ul	0.00
81) Pyrene-d10	19.845	212	180883	21.182	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.809	264	184178	20.182	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.499	88	5102	8.208	ng/uL#	83
5) Pyridine	3.905	79	32944	19.786	ng/ul#	91
6) Benzaldehyde	7.201	77	28987	23.071	ng/ul	95
8) Phenol	7.248	94	41369	19.806	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.483	93	28533	18.373	ng/ul#	81
12) 2-Chlorophenol	7.630	128	31076	19.945	ng/ul	94
13) 2-Methylphenol	8.511	108	30810	19.365	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.593	45	51121	20.465	ng/ul#	94
16) Acetophenone	8.893	105	55975	20.392	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.875	70	29224	20.953	ng/ul	97
18) 4-Methylphenol	8.834	108	33587	20.292	ng/ul	94
19) Hexachloroethane	9.163	117	14121	20.017	ng/ul	86
22) Nitrobenzene	9.281	77	44392	20.669	ng/ul#	95
23) Isophorone	9.803	82	77331	20.843	ng/ul	96
25) 2-Nitrophenol	9.991	139	18883	21.171	ng/ul	97
26) 2,4-Dimethylphenol	10.050	107	42782	21.662	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.285	93	41987	21.227	ng/ul	99
29) 2,4-Dichlorophenol	10.532	162	33402	21.429	ng/ul	94
30) Naphthalene	10.937	128	101932	20.599	ng/ul	99
32) 4-Chloroaniline	11.043	127	43407	19.805	ng/ul	99
33) Hexachlorobutadiene	11.225	225	26077	19.728	ng/ul	97
34) Caprolactam	11.801	113	10453m	19.277	ng/ul	
35) 4-Chloro-3-methylphenol	12.165	107	37347	21.449	ng/ul	99
36) 2-Methylnaphthalene	12.541	142	78870	20.978	ng/ul	88

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020210

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:39 PM

Quant Time: Jul 13 12:22:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.759	142	78225	20.923	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.912	216	45940	19.948	ng/ul	98
40) Hexachlorocyclopentadiene	12.888	237	25506	16.676	ng/ul	99
41) 2,4,6-Trichlorophenol	13.147	196	32224	21.631	ng/ul	93
42) 2,4,5-Trichlorophenol	13.223	196	33156	20.925	ng/ul	91
43) 1,1'-Biphenyl	13.546	154	102127	20.616	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	78177	20.142	ng/ul	98
45) 2-Nitroaniline	13.793	65	28351	19.924	ng/ul	93
47) Dimethylphthalate	14.157	163	106256	20.301	ng/ul#	97
48) 2,6-Dinitrotoluene	14.281	165	22538	19.994	ng/ul	91
50) Acenaphthylene	14.433	152	119422	20.294	ng/ul	97
51) 3-Nitroaniline	14.615	138	22078	21.509	ng/ul	92
52) Acenaphthene	14.774	153	86930	20.342	ng/ul	97
53) 2,4-Dinitrophenol	14.827	184	9317	13.042	ng/ul	97
55) 4-Nitrophenol	14.921	109	22516	19.109	ng/ul	84
56) Dibenzofuran	15.109	168	123104	20.326	ng/ul	98
57) 2,4-Dinitrotoluene	15.068	165	32396	19.916	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.338	232	27537	18.533	ng/ul#	88
59) Diethylphthalate	15.520	149	109332	19.433	ng/ul	96
61) Fluorene	15.761	166	102880	20.071	ng/ul	88
62) 4-Chlorophenyl-phenyle...	15.749	204	59176	21.001	ng/ul	97
63) 4-Nitroaniline	15.779	138	21844	21.678	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.838	198	14884	14.510	ng/ul#	96
67) N-Nitrosodiphenylamine	15.967	169	89775	20.792	ng/ul	98
68) 4-Bromophenyl-phenylether	16.648	248	39559	20.914	ng/ul	89
69) Hexachlorobenzene	16.766	284	43936	20.510	ng/ul	96
70) Atrazine	16.913	200	40044	20.264	ng/ul	95
71) Pentachlorophenol	17.113	266	27787	21.733	ng/ul	93
72) Phenanthrene	17.506	178	169548	20.497	ng/ul	98
74) Anthracene	17.600	178	174090	20.603	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.517	216	49623	21.449	ng/uL	91
76) Pentachlorobenzene	15.033	250	51185	20.855	ng/uL	97
77) Carbazole	17.865	167	154029	20.434	ng/ul	97
78) Di-n-butylphthalate	18.417	149	186611	19.786	ng/ul	99
80) Fluoranthene	19.516	202	209883	21.133	ng/ul	98
82) Pyrene	19.874	202	208390	21.058	ng/ul	98
83) Butylbenzylphthalate	20.755	149	81311	20.929	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.637	252	78923	20.274	ng/ul	97
85) Benzo(a)anthracene	21.725	228	208495	20.363	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.625	149	117849	20.798	ng/ul	98
87) Chrysene	21.795	228	195732	20.209	ng/ul	98
89) Di-n-octyl phthalate	22.859	149	193773	19.609	ng/ul	100
90) Benzo(b)fluoranthene	23.987	252	218158	20.144	ng/ul	100
91) Benzo(k)fluoranthene	24.057	252	211343	20.014	ng/ul	94
93) Benzo(a)pyrene	24.886	252	191709	20.114	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.799	276	249128	20.259	ng/ul	99
95) Dibenzo(a,h)anthracene	28.869	278	208893m	20.509	ng/ul	
96) Benzo(g,h,i)perylene	29.974	276	206064	20.268	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
Data File : BG049314.D
Acq On : 13 Jul 2021 11:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 13 12:22:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020210

Manual Integrations APPROVED
mohammad
7/13/2021 4:40:39 PM