Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013122\
Data File : BG052215.D
Acq On : 31 Jan 2022 14:16
Operator : CG/JU
Sample : SSTD01050
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010401

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/01/2022
Supervised By :mohammad ahmed 02/01/2022

Quant Time: Jan 31 15:50:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 15:44:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	30863	20.000	ng/ul	0.01
20) Naphthalene-d8	11.084	136	126730	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.884	164	87281	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.634	188	206565	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.945	240	198218	20.000	ng/ul	# 0.00
88) Perylene-d12	25.429	264	202549	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	3392	3.927	ng/uL	0.00
4) Pyridine-d5	3.999	84	24395	9.086	ng/ul	0.01
7) Phenol-d5	7.389	99	29798	9.865	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.547	67	18031	9.403	ng/ul	0.00
11) 2-Chlorophenol-d4	7.770	132	21562	10.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.951	113	21888	9.321	ng/ul	0.01
21) Nitrobenzene-d5	9.415	128	11112	11.097	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	12464	11.254	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	23832	11.009	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	28807	9.555	ng/ul	0.00
46) Dimethylphthalate-d6	14.273	166	74955	10.390	ng/ul	0.00
49) Acenaphthylene-d8	14.579	160	94098	10.798	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	9607	7.965	ng/ul	0.00
60) Fluorene-d10	15.871	176	66425	10.560	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	12324	9.457	ng/ul	0.00
73) Anthracene-d10	17.728	188	109057	11.129	ng/ul	0.00
81) Pyrene-d10	20.007	212	133694	11.720	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.182	264	116871	10.960	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	3869	3.882	ng/uL	90
5) Pyridine	4.017	79	27558	9.797	ng/ul	95
6) Benzaldehyde	7.365	77	22149	11.023	ng/ul	98
8) Phenol	7.418	94	30698	9.957	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.641	93	23262	10.307	ng/ul	99
12) 2-Chlorophenol	7.806	128	21806	10.718	ng/ul	94
13) 2-Methylphenol	8.687	108	22276	9.936	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.769	45	35141	10.208	ng/ul	96
16) Acetophenone	9.069	105	36266	9.786	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.045	70	22092	9.758	ng/ul	97
18) 4-Methylphenol	9.016	108	23597	9.716	ng/ul#	74
19) Hexachloroethane	9.351	117	10057	11.450	ng/ul#	80
22) Nitrobenzene	9.462	77	32104	10.336	ng/ul	97
23) Isophorone	9.985	82	58100	9.894	ng/ul	99
25) 2-Nitrophenol	10.185	139	13470	11.067	ng/ul	97
26) 2,4-Dimethylphenol	10.226	107	28089	10.636	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.461	93	30974	10.245	ng/ul	96
29) 2,4-Dichlorophenol	10.725	162	23438	11.024	ng/ul	98
30) Naphthalene	11.131	128	76251	11.104	ng/ul	96
32) 4-Chloroaniline	11.230	127	31177	10.148	ng/ul	88
33) Hexachlorobutadiene	11.418	225	18957	11.186	ng/ul	98
34) Caprolactam	11.977	113	7132	8.619	ng/ul	89
35) 4-Chloro-3-methylphenol	12.341	107	23780	9.687	ng/ul	94
36) 2-Methylnaphthalene	12.728	142	53454	10.928	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.946	142	54453	10.847	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.093	216	34577	11.456	ng/ul	97
40) Hexachlorocyclopentadiene	13.075	237	15055	7.269	ng/ul	99
41) 2,4,6-Trichlorophenol	13.322	196	20235	10.607	ng/ul	96
42) 2,4,5-Trichlorophenol	13.398	196	21318	10.366	ng/ul	97
43) 1,1'-Biphenyl	13.715	154	76691	11.382	ng/ul	91
44) 2-Chloronaphthalene	13.762	162	58395	11.190	ng/ul	98
45) 2-Nitroaniline	13.962	65	19392	9.696	ng/ul	94
47) Dimethylphthalate	14.320	163	73966	10.398	ng/ul#	99
48) 2,6-Dinitrotoluene	14.438	165	15312	10.209	ng/ul	93
50) Acenaphthylene	14.608	152	94978	11.068	ng/ul	97
51) 3-Nitroaniline	14.773	138	14482	10.674	ng/ul#	93
52) Acenaphthene	14.949	153	62959	11.034	ng/ul	97
53) 2,4-Dinitrophenol	14.984	184	5550	6.276	ng/ul#	70
55) 4-Nitrophenol	15.084	109	10269	7.419	ng/ul	92
56) Dibenzofuran	15.278	168	91371	11.026	ng/ul	99
57) 2,4-Dinitrotoluene	15.231	165	21859	10.080	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.507	232	18711	9.809	ng/ul#	85
59) Diethylphthalate	15.677	149	71808	9.784	ng/ul	96
61) Fluorene	15.924	166	77238	11.185	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.912	204	41443	10.815	ng/ul	97
63) 4-Nitroaniline	15.930	138	15062	10.805	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.995	198	11670	9.367	ng/ul#	93
67) N-Nitrosodiphenylamine	16.124	169	63669	11.471	ng/ul	95
68) 4-Bromophenyl-phenylether	16.805	248	27529	11.384	ng/ul#	87
69) Hexachlorobenzene	16.940	284	31423	11.716	ng/ul#	88
70) Atrazine	17.064	200	27912	10.839	ng/ul	92
71) Pentachlorophenol	17.281	266	10735	7.167	ng/ul#	89
72) Phenanthrene	17.675	178	123103	11.373	ng/ul	97
74) Anthracene	17.763	178	121460	11.210	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.692	216	38407	12.380	ng/uL	95
76) Pentachlorobenzene	15.202	250	35287	11.687	ng/uL	99
77) Carbazole	18.027	167	103971	10.650	ng/ul	98
78) Di-n-butylphthalate	18.573	149	125296	10.857	ng/ul	100
80) Fluoranthene	19.678	202	155698	11.810	ng/ul#	89
82) Pyrene	20.036	202	157444	12.130	ng/ul#	89
83) Butylbenzylphthalate	20.906	149	52199	11.556	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.828	252	46862	10.242	ng/ul	99
85) Benzo(a)anthracene	21.928	228	148363	11.381	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.804	149	75914	11.492	ng/ul#	99
87) Chrysene	21.998	228	139586	11.120	ng/ul	98
89) Di-n-octyl phthalate	23.103	149	123032	10.996	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	153853	11.462	ng/ul#	95
91) Benzo(k)fluoranthene	24.383	252	143431	11.557	ng/ul#	96
93) Benzo(a)pyrene	25.259	252	146175	11.507	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.424	276	157584m	10.837	ng/ul	
95) Dibenzo(a,h)anthracene	29.506	278	132396m	10.764	ng/ul	
96) Benzo(g,h,i)perylene	30.686	276	132823m	10.863	ng/ul	

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

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