Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011222\
Data File : BG051962.D
Acq On : 13 Jan 2022 1:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020481

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2022
Supervised By :mohammad ahmed 01/18/2022

Quant Time: Jan 13 13:16:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	23883	20.000	ng/ul	0.00
20) Naphthalene-d8	11.086	136	98640	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.887	164	77879	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.636	188	220824	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.954	240	211632	20.000	ng/ul	# 0.00
88) Perylene-d12	25.443	264	211447	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.573	96	5088	7.612	ng/uL	0.00
4) Pyridine-d5	3.996	84	41881	20.157	ng/ul	0.00
7) Phenol-d5	7.379	99	48988	20.957	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.550	67	30131	20.306	ng/ul	0.00
11) 2-Chlorophenol-d4	7.773	132	32493	20.995	ng/ul	0.00
15) 4-Methylphenol-d8	8.948	113	38224	21.036	ng/ul	0.00
21) Nitrobenzene-d5	9.412	128	17822	22.865	ng/ul	0.00
24) 2-Nitrophenol-d4	10.146	143	19893	23.077	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.692	165	37748	22.403	ng/ul	0.00
31) 4-Chloroaniline-d4	11.209	131	52250	22.267	ng/ul	0.00
46) Dimethylphthalate-d6	14.276	166	138266	21.479	ng/ul	0.00
49) Acenaphthylene-d8	14.581	160	166287	21.385	ng/ul	0.00
54) 4-Nitrophenol-d4	15.063	143	26271	24.410	ng/ul	0.00
60) Fluorene-d10	15.880	176	125427	22.348	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.985	200	25608	18.383	ng/ul	0.00
73) Anthracene-d10	17.736	188	227757	21.742	ng/ul	0.00
81) Pyrene-d10	20.015	212	286191	23.497	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.202	264	245285	22.035	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.608	88	5678	7.363	ng/uL	98
5) Pyridine	4.019	79	44235	20.321	ng/ul	96
6) Benzaldehyde	7.368	77	35428m	22.784	ng/ul	
8) Phenol	7.415	94	50008	20.960	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.644	93	36280	20.773	ng/ul	96
12) 2-Chlorophenol	7.802	128	34817	22.114	ng/ul	90
13) 2-Methylphenol	8.683	108	36800	21.211	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.772	45	54027	20.281	ng/ul	97
16) Acetophenone	9.071	105	57744	20.135	ng/ul	88
17) N-Nitroso-di-n-propyla...	9.048	70	35927	20.506	ng/ul	93
18) 4-Methylphenol	9.007	108	40080	21.326	ng/ul	84
19) Hexachloroethane	9.347	117	14108	20.756	ng/ul	93
22) Nitrobenzene	9.459	77	50945	21.073	ng/ul	98
23) Isophorone	9.982	82	98829	21.623	ng/ul	97
25) 2-Nitrophenol	10.181	139	20706	21.856	ng/ul	91
26) 2,4-Dimethylphenol	10.228	107	45156	21.967	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.463	93	49371	20.980	ng/ul	98
29) 2,4-Dichlorophenol	10.722	162	36798	22.237	ng/ul	98
30) Naphthalene	11.133	128	117140	21.915	ng/ul	97
32) 4-Chloroaniline	11.233	127	54356	22.730	ng/ul	99
33) Hexachlorobutadiene	11.427	225	26761	20.288	ng/ul	97
34) Caprolactam	11.973	113	16095	24.991	ng/ul#	75
35) 4-Chloro-3-methylphenol	12.343	107	46569	24.374	ng/ul	91
36) 2-Methylnaphthalene	12.731	142	85488	22.453	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.948	142	87453	22.381	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.095	216	54082	20.081	ng/ul	98
40) Hexachlorocyclopentadiene	13.078	237	31210	16.889	ng/ul	96
41) 2,4,6-Trichlorophenol	13.324	196	37516	22.040	ng/ul	95
42) 2,4,5-Trichlorophenol	13.401	196	40677	22.168	ng/ul	99
43) 1,1'-Biphenyl	13.724	154	122822	20.429	ng/ul#	93
44) 2-Chloronaphthalene	13.771	162	96875	20.805	ng/ul	98
45) 2-Nitroaniline	13.959	65	40161	22.506	ng/ul	96
47) Dimethylphthalate	14.323	163	138402	21.804	ng/ul	99
48) 2,6-Dinitrotoluene	14.446	165	29612	22.126	ng/ul	98
50) Acenaphthylene	14.611	152	166917	21.799	ng/ul	98
51) 3-Nitroaniline	14.775	138	31610	26.111	ng/ul	92
52) Acenaphthene	14.951	153	109833	21.573	ng/ul	97
53) 2,4-Dinitrophenol	14.981	184	14219	18.021	ng/ul	94
55) 4-Nitrophenol	15.081	109	27709	22.436	ng/ul	91
56) Dibenzofuran	15.286	168	160350	21.686	ng/ul	99
57) 2,4-Dinitrotoluene	15.233	165	46087	23.819	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.509	232	38217	22.454	ng/ul#	87
59) Diethylphthalate	15.686	149	145822	22.267	ng/ul	98
61) Fluorene	15.932	166	137769	22.360	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.921	204	73848	21.598	ng/ul	94
63) 4-Nitroaniline	15.938	138	34334	27.604	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.997	198	25890	19.439	ng/ul	95
67) N-Nitrosodiphenylamine	16.126	169	125128	21.088	ng/ul	100
68) 4-Bromophenyl-phenylether	16.814	248	53748	20.791	ng/ul	90
69) Hexachlorobenzene	16.943	284	59334	20.695	ng/ul	95
70) Atrazine	17.072	200	59475	21.605	ng/ul	97
71) Pentachlorophenol	17.284	266	32028	20.003	ng/ul	97
72) Phenanthrene	17.683	178	245584	21.224	ng/ul	97
74) Anthracene	17.771	178	248009	21.412	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.694	216	60785	18.328	ng/uL	98
76) Pentachlorobenzene	15.210	250	60229	18.659	ng/uL	99
77) Carbazole	18.035	167	236730	22.682	ng/ul	97
78) Di-n-butylphthalate	18.582	149	276573	22.418	ng/ul	99
80) Fluoranthene	19.680	202	336756	23.925	ng/ul#	93
82) Pyrene	20.045	202	329149	23.752	ng/ul#	90
83) Butylbenzylphthalate	20.914	149	115889	24.030	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.836	252	115408	23.623	ng/ul#	97
85) Benzo(a)anthracene	21.936	228	308400	22.159	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.819	149	160534	22.761	ng/ul#	97
87) Chrysene	22.007	228	293583	21.906	ng/ul	100
89) Di-n-octyl phthalate	23.123	149	270690	23.175	ng/ul	100
90) Benzo(b)fluoranthene	24.327	252	315228	22.495	ng/ul#	95
91) Benzo(k)fluoranthene	24.403	252	291957	22.534	ng/ul#	96
93) Benzo(a)pyrene	25.279	252	296499	22.358	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.449	276	337384	22.224	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.526	278	282871	22.030	ng/ul#	95
96) Benzo(g,h,i)perylene	30.712	276	277562	21.745	ng/ul#	89

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

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