Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032522\
Data File : BG052867.D
Acq On : 26 Mar 2022 17:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020547

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/28/2022
Supervised By :mohammad ahmed 03/29/2022

Quant Time: Mar 28 01:05:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 13:16:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	32289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.954	136	149271	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.761	164	119439	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	290860	20.000	ng/ul	0.00
79) Chrysene-d12	21.793	240	300124	20.000	ng/ul	0.00
88) Perylene-d12	25.112	264	314081	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.553	96	6732	7.365	ng/uL	0.00
4) Pyridine-d5	3.970	84	42494	18.621	ng/ul	0.00
7) Phenol-d5	7.283	99	60581	20.948	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.453	67	37061	20.982	ng/ul	0.00
11) 2-Chlorophenol-d4	7.671	132	39429	20.079	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	47820	22.827	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	22291	20.745	ng/ul	0.00
24) 2-Nitrophenol-d4	10.026	143	26967	23.794	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.567	165	49679	20.149	ng/ul	0.00
31) 4-Chloroaniline-d4	11.078	131	66552	20.423	ng/ul	0.00
46) Dimethylphthalate-d6	14.156	166	183000	19.944	ng/ul	0.00
49) Acenaphthylene-d8	14.456	160	217202	19.480	ng/ul	0.00
54) 4-Nitrophenol-d4	14.931	143	31787	20.604	ng/ul	0.00
60) Fluorene-d10	15.748	176	161327	20.024	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.854	200	31667	21.394	ng/ul	0.00
73) Anthracene-d10	17.604	188	262746m	19.399	ng/ul	0.00
81) Pyrene-d10	19.884	212	325284	19.374	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.877	264	313765	19.334	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.588	88	7459m	6.660	ng/uL	
5) Pyridine	3.993	79	46599	18.898	ng/ul	98
6) Benzaldehyde	7.271	77	44540m	23.167	ng/ul	
8) Phenol	7.312	94	59261	21.262	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.547	93	43301	20.593	ng/ul	94
12) 2-Chlorophenol	7.700	128	40325	20.099	ng/ul	95
13) 2-Methylphenol	8.569	108	46076	21.270	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.664	45	71728	20.987	ng/ul	95
16) Acetophenone	8.957	105	78193	23.925	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.940	70	44828	23.529	ng/ul	97
18) 4-Methylphenol	8.898	108	50329	22.300	ng/ul	92
19) Hexachloroethane	9.239	117	17796	19.991	ng/ul	94
22) Nitrobenzene	9.339	77	65397	20.829	ng/ul	96
23) Isophorone	9.868	82	124510	20.747	ng/ul	98
25) 2-Nitrophenol	10.056	139	25659	21.833	ng/ul#	94
26) 2,4-Dimethylphenol	10.109	107	60094	20.636	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.344	93	65509	19.629	ng/ul	99
29) 2,4-Dichlorophenol	10.590	162	49026	20.451	ng/ul	99
30) Naphthalene	11.002	128	147919	19.149	ng/ul	97
32) 4-Chloroaniline	11.101	127	66347	20.720	ng/ul	94
33) Hexachlorobutadiene	11.295	225	37759	19.287	ng/ul	94
34) Caprolactam	11.842	113	17355m	24.038	ng/ul	
35) 4-Chloro-3-methylphenol	12.212	107	61459	23.635	ng/ul	92
36) 2-Methylnaphthalene	12.599	142	111870	20.521	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.817	142	113380	20.544	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.964	216	74966	18.989	ng/ul	97
40) Hexachlorocyclopentadiene	12.952	237	47259	17.292	ng/ul	95
41) 2,4,6-Trichlorophenol	13.199	196	47668	19.760	ng/ul	96
42) 2,4,5-Trichlorophenol	13.269	196	52972	20.334	ng/ul	100
43) 1,1'-Biphenyl	13.598	154	162619	19.053	ng/ul	99
44) 2-Chloronaphthalene	13.639	162	128965	18.870	ng/ul	96
45) 2-Nitroaniline	13.833	65	46176	23.049	ng/ul	98
47) Dimethylphthalate	14.203	163	173198	19.779	ng/ul	98
48) 2,6-Dinitrotoluene	14.321	165	34864	21.979	ng/ul	97
50) Acenaphthylene	14.485	152	206888	19.212	ng/ul	98
51) 3-Nitroaniline	14.650	138	37788	23.601	ng/ul	98
52) Acenaphthene	14.826	153	136092	19.345	ng/ul	97
53) 2,4-Dinitrophenol	14.855	184	21485	21.803	ng/ul#	65
55) 4-Nitrophenol	14.949	109	34280	21.113	ng/ul	99
56) Dibenzofuran	15.161	168	206732	19.822	ng/ul	99
57) 2,4-Dinitrotoluene	15.108	165	51835	23.031	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.384	232	51038	21.735	ng/ul#	95
59) Diethylphthalate	15.566	149	181358	20.450	ng/ul	98
61) Fluorene	15.807	166	170435	19.715	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.795	204	92577	20.125	ng/ul	96
63) 4-Nitroaniline	15.813	138	41442	26.320	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.871	198	30236	20.878	ng/ul#	92
67) N-Nitrosodiphenylamine	16.006	169	155032	19.714	ng/ul	92
68) 4-Bromophenyl-phenylether	16.688	248	66700	23.160	ng/ul	95
69) Hexachlorobenzene	16.817	284	73874	19.858	ng/ul#	92
70) Atrazine	16.946	200	67059	20.807	ng/ul	99
71) Pentachlorophenol	17.152	266	41377m	18.290	ng/ul	
72) Phenanthrene	17.546	178	301063	19.722	ng/ul	99
74) Anthracene	17.640	178	298500	19.559	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	79728	18.405	ng/uL	98
76) Pentachlorobenzene	15.084	250	81163	19.529	ng/uL	97
77) Carbazole	17.904	167	269046	19.947	ng/ul	98
78) Di-n-butylphthalate	18.456	149	317303	19.783	ng/ul	98
80) Fluoranthene	19.555	202	390571	19.740	ng/ul	98
82) Pyrene	19.913	202	384847	19.570	ng/ul	97
83) Butylbenzylphthalate	20.794	149	136994	20.036	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.681	252	138273	20.556	ng/ul	97
85) Benzo(a)anthracene	21.775	228	377481	19.488	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.675	149	189514	20.012	ng/ul	98
87) Chrysene	21.840	228	357639	19.357	ng/ul	99
89) Di-n-octyl phthalate	22.921	149	323630	19.783	ng/ul	100
90) Benzo(b)fluoranthene	24.049	252	397564	19.603	ng/ul	100
91) Benzo(k)fluoranthene	24.125	252	357665m	19.109	ng/ul	
93) Benzo(a)pyrene	24.953	252	367546	19.195	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.895	276	425126	19.632	ng/ul	98
95) Dibenzo(a,h)anthracene	28.960	278	358026	19.452	ng/ul	99
96) Benzo(g,h,i)perylene	30.082	276	352859	19.276	ng/ul	98

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

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