Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050823.D
Acq On : 2 Nov 2021 19:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020535

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 21:58:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	40394	20.000	ng/ul	0.00
20) Naphthalene-d8	11.054	136	194775	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.856	164	137194	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.600	188	315455	20.000	ng/ul	0.00
79) Chrysene-d12	21.895	240	254738	20.000	ng/ul	-0.01
88) Perylene-d12	25.296	264	215042	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	9665	7.722	ng/uL	0.00
4) Pyridine-d5	4.016	84	67713	18.085	ng/ul	0.00
7) Phenol-d5	7.370	99	75115	17.431	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	50499	18.141	ng/ul	0.00
11) 2-Chlorophenol-d4	7.758	132	54694	18.314	ng/ul	0.00
15) 4-Methylphenol-d8	8.933	113	60249	17.759	ng/ul	0.00
21) Nitrobenzene-d5	9.403	128	29741	17.968	ng/ul	0.00
24) 2-Nitrophenol-d4	10.132	143	32442	17.627	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.667	165	55285	17.832	ng/ul	0.00
31) 4-Chloroaniline-d4	11.189	131	82466	17.565	ng/ul	0.00
46) Dimethylphthalate-d6	14.245	166	183245	17.458	ng/ul	0.00
49) Acenaphthylene-d8	14.550	160	228481	17.472	ng/ul	0.00
54) 4-Nitrophenol-d4	15.044	143	32057	16.844	ng/ul	0.00
60) Fluorene-d10	15.843	176	159054	17.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.960	200	30924	16.169	ng/ul	0.00
73) Anthracene-d10	17.699	188	250156	16.773	ng/ul	0.00
81) Pyrene-d10	19.973	212	298724	18.156	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.061	264	240603	20.239	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	10230	7.442	ng/uL	93
5) Pyridine	4.033	79	70805	18.269	ng/ul	98
6) Benzaldehyde	7.365	77	49799	18.322	ng/ul	94
8) Phenol	7.400	94	78230	17.549	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.641	93	59562	17.851	ng/ul	99
12) 2-Chlorophenol	7.793	128	54342	17.921	ng/ul	98
13) 2-Methylphenol	8.663	108	59851	18.164	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.745	45	94613	18.002	ng/ul	99
16) Acetophenone	9.057	105	95406	18.103	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.033	70	57613	18.119	ng/ul	97
18) 4-Methylphenol	8.992	108	62826	17.908	ng/ul	99
19) Hexachloroethane	9.321	117	23246	18.336	ng/ul	98
22) Nitrobenzene	9.444	77	80266	17.387	ng/ul	97
23) Isophorone	9.967	82	158701	17.714	ng/ul	99
25) 2-Nitrophenol	10.161	139	33013	17.879	ng/ul	94
26) 2,4-Dimethylphenol	10.208	107	72463	17.832	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.443	93	86353	17.888	ng/ul	98
29) 2,4-Dichlorophenol	10.696	162	54046	17.872	ng/ul	94
30) Naphthalene	11.107	128	186574	17.517	ng/ul	98
32) 4-Chloroaniline	11.213	127	82808	17.763	ng/ul	97
33) Hexachlorobutadiene	11.377	225	34857	17.562	ng/ul	95
34) Caprolactam	11.971	113	23543m	18.338	ng/ul	
35) 4-Chloro-3-methylphenol	12.312	107	68498	17.731	ng/ul	98
36) 2-Methylnaphthalene	12.699	142	127958	17.635	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.911	142	130320	17.725	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.058	216	67981	17.006	ng/ul	96
40) Hexachlorocyclopentadiene	13.028	237	43057	22.430	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.293	196	46049	17.604	ng/ul	96
42) 2,4,5-Trichlorophenol	13.369	196	48426	17.244	ng/ul	96
43) 1,1'-Biphenyl	13.692	154	171307	17.083	ng/ul	98
44) 2-Chloronaphthalene	13.739	162	134753	17.148	ng/ul	97
45) 2-Nitroaniline	13.939	65	53816	17.237	ng/ul	93
47) Dimethylphthalate	14.292	163	183345	17.470	ng/ul	99
48) 2,6-Dinitrotoluene	14.427	165	39084	17.793	ng/ul	92
50) Acenaphthylene	14.580	152	227070	17.325	ng/ul	98
51) 3-Nitroaniline	14.756	138	38883	17.115	ng/ul	88
52) Acenaphthene	14.920	153	150058	17.412	ng/ul	98
53) 2,4-Dinitrophenol	14.967	184	21673	17.885	ng/ul	95
55) 4-Nitrophenol	15.056	109	29727	17.032	ng/ul	96
56) Dibenzofuran	15.249	168	213226	17.285	ng/ul	98
57) 2,4-Dinitrotoluene	15.208	165	56304	17.961	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.473	232	39182	17.754	ng/ul	95
59) Diethylphthalate	15.649	149	196581	17.499	ng/ul	99
61) Fluorene	15.902	166	167327	17.138	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.884	204	88572	17.421	ng/ul	96
63) 4-Nitroaniline	15.919	138	37533	16.653	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.972	198	30986	16.614	ng/ul	97
67) N-Nitrosodiphenylamine	16.095	169	151209	17.148	ng/ul	97
68) 4-Bromophenyl-phenylether	16.777	248	53574	17.073	ng/ul	98
69) Hexachlorobenzene	16.900	284	55467	17.194	ng/ul	99
70) Atrazine	17.036	200	64306	17.198	ng/ul	98
71) Pentachlorophenol	17.247	266	27517	18.579	ng/ul	97
72) Phenanthrene	17.641	178	284986	16.924	ng/ul	99
74) Anthracene	17.735	178	287242	17.001	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.657	216	72597	16.902	ng/uL	99
76) Pentachlorobenzene	15.167	250	67969	17.078	ng/uL	98
77) Carbazole	17.999	167	268451	17.727	ng/ul	99
78) Di-n-butylphthalate	18.534	149	344709	17.323	ng/ul	100
80) Fluoranthene	19.638	202	353902	17.923	ng/ul	99
82) Pyrene	20.003	202	348303	18.053	ng/ul	99
83) Butylbenzylphthalate	20.866	149	150076	18.089	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.783	252	110261	17.773	ng/ul	98
85) Benzo(a)anthracene	21.877	228	311780	17.679	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.748	149	213817	17.954	ng/ul	99
87) Chrysene	21.947	228	300557	17.841	ng/ul	99
89) Di-n-octyl phthalate	23.017	149	364078	20.796	ng/ul	100
90) Benzo(b)fluoranthene	24.209	252	313353	20.455	ng/ul	99
91) Benzo(k)fluoranthene	24.280	252	283690	19.734	ng/ul	98
93) Benzo(a)pyrene	25.138	252	292280	20.032	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.204	276	327455	20.161	ng/ul	96
95) Dibenzo(a,h)anthracene	29.268	278	278072	20.234	ng/ul	99
96) Benzo(g,h,i)perylene	30.426	276	272795	20.065	ng/ul	96

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

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