Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081921\
Data File : BG049889.D
Acq On : 19 Aug 2021 9:09
Operator : CG/JU
Sample : SSTD00522
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD005422

Quant Time: Aug 19 11:59:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 11:48:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	23749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	100975	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	71981	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.390	188	159823	20.000	ng/ul	0.00
79) Chrysene-d12	21.660	240	164588	20.000	ng/ul	0.00
88) Perylene-d12	24.891	264	161734	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	741	1.637	ng/uL	0.00
4) Pyridine-d5	3.784	84	4208	3.101	ng/ul	0.01
7) Phenol-d5	7.150	99	8904	4.319	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.297	67	5201	4.502	ng/ul	0.00
11) 2-Chlorophenol-d4	7.515	132	6806	4.455	ng/ul	0.00
15) 4-Methylphenol-d8	8.701	113	7247	4.475	ng/ul	0.00
21) Nitrobenzene-d5	9.148	128	3758	4.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.876	143	3927	4.183	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	7201	4.345	ng/ul	0.00
31) 4-Chloroaniline-d4	10.939	131	9301	4.118	ng/ul	0.00
46) Dimethylphthalate-d6	14.035	166	24513	4.470	ng/ul	0.00
49) Acenaphthylene-d8	14.329	160	28543	4.426	ng/ul	0.00
54) 4-Nitrophenol-d4	14.864	143	2667	3.656	ng/ul	0.01
60) Fluorene-d10	15.627	176	20681	4.407	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	4130	3.917	ng/ul	0.00
73) Anthracene-d10	17.489	188	34146	4.782	ng/ul	0.00
81) Pyrene-d10	19.775	212	40318	4.468	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.668	264	40582	4.814	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.379	88	1310	2.667	ng/uL#	79
5) Pyridine	3.808	79	4295	2.987	ng/ul#	80
6) Benzaldehyde	7.109	77	4706	4.105	ng/ul#	68
8) Phenol	7.174	94	8661	4.283	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.391	93	6348	4.452	ng/ul	91
12) 2-Chlorophenol	7.544	128	7067	4.739	ng/ul#	72
13) 2-Methylphenol	8.425	108	6697	4.203	ng/ul#	63
14) 2,2'-oxybis(1-Chloropr...	8.513	45	7029	4.574	ng/ul#	95
16) Acetophenone	8.807	105	11619	4.464	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.784	70	6038	4.447	ng/ul	97
18) 4-Methylphenol	8.772	108	7159	4.204	ng/ul	94
19) Hexachloroethane	9.060	117	3153	4.570	ng/ul	89
22) Nitrobenzene	9.195	77	9305	4.356	ng/ul#	89
23) Isophorone	9.718	82	17593	4.606	ng/ul#	95
25) 2-Nitrophenol	9.911	139	4127	4.547	ng/ul#	79
26) 2,4-Dimethylphenol	9.970	107	8872	4.250	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.199	93	8418	4.238	ng/ul#	95
29) 2,4-Dichlorophenol	10.458	162	6219	4.016	ng/ul	97
30) Naphthalene	10.845	128	24161	4.741	ng/ul#	96
32) 4-Chloroaniline	10.969	127	9503	4.327	ng/ul	92
33) Hexachlorobutadiene	11.127	225	5837	4.508	ng/ul#	75
34) Caprolactam	11.732	113	2202	4.159	ng/ul#	59
35) 4-Chloro-3-methylphenol	12.097	107	7902	4.253	ng/ul#	80

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.461	142	16265	4.224 ng/ul#	76
37) 1-Methylnaphthalene	12.684	142	17258	4.505 ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.837	216	9219	4.111 ng/ul	93
40) Hexachlorocyclopentadiene	12.807	237	520	0.670 ng/ul#	84
41) 2,4,6-Trichlorophenol	13.078	196	5623	4.069 ng/ul#	74
42) 2,4,5-Trichlorophenol	13.160	196	5887	4.287 ng/ul	90
43) 1,1'-Biphenyl	13.465	154	23204	4.531 ng/ul#	87
44) 2-Chloronaphthalene	13.512	162	17884	4.441 ng/ul	97
45) 2-Nitroaniline	13.724	65	5851	4.192 ng/ul#	78
47) Dimethylphthalate	14.082	163	25741	4.824 ng/ul#	96
48) 2,6-Dinitrotoluene	14.211	165	4992	4.522 ng/ul#	94
50) Acenaphthylene	14.358	152	26408	4.449 ng/ul	97
51) 3-Nitroaniline	14.546	138	4199	4.117 ng/ul#	82
52) Acenaphthene	14.699	153	19627	4.575 ng/ul	98
53) 2,4-Dinitrophenol	14.787	184	589	1.002 ng/ul	90
55) 4-Nitrophenol	14.881	109	2676	2.842 ng/ul	99
56) Dibenzofuran	15.040	168	26352	4.517 ng/ul	93
57) 2,4-Dinitrotoluene	15.010	165	6639	4.122 ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.269	232	4456	3.920 ng/ul#	85
59) Diethylphthalate	15.445	149	26377	4.817 ng/ul	96
61) Fluorene	15.686	166	24229	4.899 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.674	204	11935	4.561 ng/ul	92
63) 4-Nitroaniline	15.709	138	3426	3.415 ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.780	198	3231	3.376 ng/ul#	90
67) N-Nitrosodiphenylamine	15.892	169	20000	4.643 ng/ul	94
68) 4-Bromophenyl-phenylether	16.573	248	8083	4.500 ng/ul	98
69) Hexachlorobenzene	16.696	284	9786	4.839 ng/ul#	91
70) Atrazine	16.831	200	9618	5.184 ng/ul#	87
71) Pentachlorophenol	17.055	266	679	0.954 ng/ul#	76
72) Phenanthrene	17.431	178	38402	4.826 ng/ul	100
74) Anthracene	17.525	178	39430	4.913 ng/ul#	92
75) 1,2,3,4-Tetrachloroben...	13.436	216	9534	4.208 ng/uL	93
76) Pentachlorobenzene	14.958	250	11248	4.743 ng/uL#	88
77) Carbazole	17.795	167	34621	4.860 ng/ul	98
78) Di-n-butylphthalate	18.341	149	45085	4.944 ng/ul	97
80) Fluoranthene	19.446	202	48705	4.370 ng/ul	99
82) Pyrene	19.804	202	52035	4.746 ng/ul	98
83) Butylbenzylphthalate	20.679	149	19395	4.444 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.554	252	18899	4.764 ng/ul	97
85) Benzo(a)anthracene	21.643	228	48091	4.642 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.531	149	27394	4.523 ng/ul	97
87) Chrysene	21.707	228	45305	4.649 ng/ul	98
89) Di-n-octyl phthalate	22.741	149	45542	4.774 ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	49107	4.870 ng/ul#	98
91) Benzo(k)fluoranthene	23.857	252	49107	4.930 ng/ul	99
93) Benzo(a)pyrene	24.738	252	41403	4.683 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.574	276	53232	4.595 ng/ul#	99
95) Dibenzo(a,h)anthracene	28.633	278	44938	4.604 ng/ul#	97
96) Benzo(g,h,i)perylene	29.732	276	42294	4.371 ng/ul#	96

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

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