Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072421\
Data File : BG049429.D
Acq On : 23 Jul 2021 16:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020454

Quant Time: Jul 24 00:16:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 23 23:52:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	22533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	89094	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	59845	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	130232	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	146400	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	153076	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.438	96	3662	7.042	ng/uL	0.00
4) Pyridine-d5	3.861	84	27351	17.179	ng/ul	0.00
7) Phenol-d5	7.203	99	37156	18.980	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	22020	18.215	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	29901	21.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	28705	17.875	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	13592	22.033	ng/ul	0.00
24) 2-Nitrophenol-d4	9.947	143	15479	22.919	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	29769	17.937	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	37276	17.835	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	91121	18.508	ng/ul	0.00
49) Acenaphthylene-d8	14.394	160	106879	19.770	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	14351	19.574	ng/ul	0.00
60) Fluorene-d10	15.692	176	76578	17.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	15489	23.274	ng/ul	0.00
73) Anthracene-d10	17.548	188	120968	20.330	ng/ul	0.00
81) Pyrene-d10	19.833	212	150790	20.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	161644	19.480	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.467	88	4841	9.276	ng/uL#	85
5) Pyridine	3.878	79	28888	18.164	ng/ul	96
6) Benzaldehyde	7.180	77	28706	23.222	ng/ul	96
8) Phenol	7.227	94	36857	17.809	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.462	93	25751	17.062	ng/ul	92
12) 2-Chlorophenol	7.615	128	28155	19.499	ng/ul	93
13) 2-Methylphenol	8.490	108	27157	17.540	ng/ul	90
14) 2,2'-oxybis(1-Chloropr...	8.572	45	31966	17.927	ng/ul	96
16) Acetophenone	8.878	105	47328	17.977	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.860	70	24642	15.788	ng/ul#	89
18) 4-Methylphenol	8.819	108	31187	19.187	ng/ul	90
19) Hexachloroethane	9.142	117	12866	19.122	ng/ul	94
22) Nitrobenzene	9.259	77	42224	20.762	ng/ul	98
23) Isophorone	9.782	82	65979	15.696	ng/ul	96
25) 2-Nitrophenol	9.976	139	16186	21.044	ng/ul#	90
26) 2,4-Dimethylphenol	10.029	107	37140	18.351	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.270	93	33624	15.889	ng/ul	96
29) 2,4-Dichlorophenol	10.516	162	28294	18.250	ng/ul	96
30) Naphthalene	10.922	128	90153	19.147	ng/ul	96
32) 4-Chloroaniline	11.028	127	37487	18.238	ng/ul#	89
33) Hexachlorobutadiene	11.204	225	22639	15.352	ng/ul	92
34) Caprolactam	11.785	113	4097	6.936	ng/ul	94
35) 4-Chloro-3-methylphenol	12.144	107	31763	17.469	ng/ul	98
36) 2-Methylnaphthalene	12.526	142	67818	18.673	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.749	142	66188	18.401 ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.890	216	35306	15.498 ng/ul	94
40) Hexachlorocyclopentadiene	12.872	237	19575	11.833 ng/ul	91
41) 2,4,6-Trichlorophenol	13.131	196	22862	16.308 ng/ul	90
42) 2,4,5-Trichlorophenol	13.207	196	24039	15.975 ng/ul	90
43) 1,1'-Biphenyl	13.530	154	86502	19.534 ng/ul#	96
44) 2-Chloronaphthalene	13.577	162	68361	19.708 ng/ul	97
45) 2-Nitroaniline	13.777	65	25040	23.368 ng/ul	90
47) Dimethylphthalate	14.147	163	86582	17.412 ng/ul	99
48) 2,6-Dinitrotoluene	14.270	165	17077	20.051 ng/ul#	93
50) Acenaphthylene	14.423	152	99821	19.255 ng/ul	94
51) 3-Nitroaniline	14.605	138	18526	22.626 ng/ul#	98
52) Acenaphthene	14.764	153	72203	18.780 ng/ul	99
53) 2,4-Dinitrophenol	14.805	184	6113	10.789 ng/ul#	75
55) 4-Nitrophenol	14.905	109	18369	18.917 ng/ul	98
56) Dibenzofuran	15.093	168	98330	18.005 ng/ul	95
57) 2,4-Dinitrotoluene	15.052	165	25409	20.741 ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.322	232	19580	13.765 ng/ul#	97
59) Diethylphthalate	15.510	149	91037	18.318 ng/ul	98
61) Fluorene	15.745	166	84991	18.283 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.733	204	44194	15.672 ng/ul	90
63) 4-Nitroaniline	15.762	138	19016	22.305 ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.821	198	13825	19.785 ng/ul#	87
67) N-Nitrosodiphenylamine	15.950	169	71023	19.689 ng/ul	96
68) 4-Bromophenyl-phenylether	16.632	248	30765	18.574 ng/ul	97
69) Hexachlorobenzene	16.755	284	33431	19.205 ng/ul	92
70) Atrazine	16.896	200	31666	19.506 ng/ul	97
71) Pentachlorophenol	17.102	266	11982	10.850 ng/ul	87
72) Phenanthrene	17.489	178	137305	20.764 ng/ul	99
74) Anthracene	17.583	178	140646	20.675 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.501	216	35638	17.454 ng/uL	94
76) Pentachlorobenzene	15.016	250	38950	18.211 ng/uL	97
77) Carbazole	17.854	167	124816	21.657 ng/ul	98
78) Di-n-butylphthalate	18.406	149	155523	21.560 ng/ul	99
80) Fluoranthene	19.498	202	181645	19.552 ng/ul	99
82) Pyrene	19.863	202	184977	19.938 ng/ul	98
83) Butylbenzylphthalate	20.744	149	69489	20.944 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.619	252	69154	19.285 ng/ul	99
85) Benzo(a)anthracene	21.707	228	182326	18.849 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	102570	21.207 ng/ul	95
87) Chrysene	21.778	228	172767	18.679 ng/ul	97
89) Di-n-octyl phthalate	22.835	149	171391	20.569 ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	190644	18.830 ng/ul	98
91) Benzo(k)fluoranthene	23.963	252	190644	19.161 ng/ul	98
93) Benzo(a)pyrene	24.850	252	167810	18.867 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.745	276	221596	19.368 ng/ul	99
95) Dibenzo(a,h)anthracene	28.809	278	181865	19.551 ng/ul	97
96) Benzo(g,h,i)perylene	29.925	276	185117	19.961 ng/ul#	91

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

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