Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050325.D
Acq On : 30 Sep 2021 15:37
Operator : CG/JU
Sample : SSTD16045
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD160445

Quant Time: Sep 30 16:12:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 15:44:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	58488	20.000	ng/ul	0.00
20) Naphthalene-d8	11.105	136	238960	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.895	164	165854	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.644	188	376082	20.000	ng/ul	0.00
79) Chrysene-d12	21.957	240	341749	20.000	ng/ul	0.00
88) Perylene-d12	25.394	264	344311	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.643	96	102090	84.409	ng/uL	0.00
4) Pyridine-d5	4.066	84	729330	200.079	ng/ul	0.00
7) Phenol-d5	7.421	99	791675	170.479	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.597	67	471967	175.103	ng/ul	0.00
11) 2-Chlorophenol-d4	7.809	132	548430	162.483	ng/ul	0.00
15) 4-Methylphenol-d8	8.984	113	595891	162.889	ng/ul	0.02
21) Nitrobenzene-d5	9.460	128	278840	188.889	ng/ul	0.01
24) 2-Nitrophenol-d4	10.182	143	311323	190.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.717	165	575570	151.326	ng/ul	0.00
31) 4-Chloroaniline-d4	11.240	131	787406	157.587	ng/ul	0.01
46) Dimethylphthalate-d6	14.301	166	1641374	145.612	ng/ul	0.00
49) Acenaphthylene-d8	14.601	160	1995963	140.864	ng/ul	0.00
54) 4-Nitrophenol-d4	15.094	143	346895	182.398	ng/ul	0.04
60) Fluorene-d10	15.888	176	1457375	141.214	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.011	200	333166	209.104	ng/ul	0.03
73) Anthracene-d10	17.750	188	2145831	133.961	ng/ul	0.01
81) Pyrene-d10	20.024	212	2382795	128.779	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.177	264	2604671	148.376	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	116786	76.539	ng/uL	93
5) Pyridine	4.090	79	721489	190.857	ng/ul	99
6) Benzaldehyde	7.409	77	287581	97.564	ng/ul	93
8) Phenol	7.450	94	777553	165.284	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.697	93	574184	164.233	ng/ul	99
12) 2-Chlorophenol	7.844	128	545326	153.304	ng/ul#	93
13) 2-Methylphenol	8.708	108	604949	164.819	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.802	45	835102	180.551	ng/ul	98
16) Acetophenone	9.119	105	888559	159.000	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.119	70	529651	166.718	ng/ul	98
18) 4-Methylphenol	9.060	108	623754	166.848	ng/ul	94
19) Hexachloroethane	9.372	117	235370	154.206	ng/ul	98
22) Nitrobenzene	9.501	77	768363	181.421	ng/ul	97
23) Isophorone	10.047	82	1447114	161.996	ng/ul	96
25) 2-Nitrophenol	10.212	139	314954	184.947	ng/ul	95
26) 2,4-Dimethylphenol	10.259	107	692225	152.015	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.506	93	767259	157.336	ng/ul	96
29) 2,4-Dichlorophenol	10.747	162	544263	148.510	ng/ul	95
30) Naphthalene	11.158	128	1720291	140.355	ng/ul#	95
32) 4-Chloroaniline	11.269	127	788846	158.087	ng/ul	95
33) Hexachlorobutadiene	11.434	225	392088	128.966	ng/ul	100
34) Caprolactam	12.092	113	129202	111.803	ng/ul	92
35) 4-Chloro-3-methylphenol	12.368	107	646838	162.747	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.744	142	1193722	140.630	ng/ul	96
37) 1-Methylnaphthalene	12.962	142	1194556	139.381	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.103	216	705560	135.121	ng/ul#	97
40) Hexachlorocyclopentadiene	13.079	237	511314	141.956	ng/ul	91
41) 2,4,6-Trichlorophenol	13.338	196	499741	162.298	ng/ul	97
42) 2,4,5-Trichlorophenol	13.414	196	537688	162.304	ng/ul	98
43) 1,1'-Biphenyl	13.743	154	1523108	135.374	ng/ul	94
44) 2-Chloronaphthalene	13.790	162	1256275	141.120	ng/ul	93
45) 2-Nitroaniline	13.990	65	512520	241.806	ng/ul	96
47) Dimethylphthalate	14.354	163	1601611	141.053	ng/ul#	95
48) 2,6-Dinitrotoluene	14.477	165	376635	209.536	ng/ul	93
50) Acenaphthylene	14.630	152	1926328	134.570	ng/ul#	91
51) 3-Nitroaniline	14.806	138	323118	160.780	ng/ul	88
52) Acenaphthene	14.965	153	1366001	145.756	ng/ul	98
53) 2,4-Dinitrophenol	15.006	184	256216	225.136	ng/ul#	86
55) 4-Nitrophenol	15.112	109	349729	178.938	ng/ul	96
56) Dibenzofuran	15.300	168	1862181	132.778	ng/ul#	86
57) 2,4-Dinitrotoluene	15.259	165	519990	204.135	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.517	232	465066	156.043	ng/ul	93
59) Diethylphthalate	15.711	149	1699753	145.611	ng/ul	96
61) Fluorene	15.952	166	1507911	137.235	ng/ul#	96
62) 4-Chlorophenyl-phenyle...	15.929	204	870940	140.810	ng/ul	93
63) 4-Nitroaniline	15.982	138	304045	146.966	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.029	198	324170	202.523	ng/ul#	96
67) N-Nitrosodiphenylamine	16.146	169	1375133	144.605	ng/ul	96
68) 4-Bromophenyl-phenylether	16.828	248	562426	144.226	ng/ul	97
69) Hexachlorobenzene	16.945	284	590036	136.564	ng/ul	96
70) Atrazine	17.098	200	614394	146.432	ng/ul	98
71) Pentachlorophenol	17.286	266	418348	151.747	ng/ul	100
72) Phenanthrene	17.691	178	2428212	130.096	ng/ul#	89
74) Anthracene	17.785	178	2337011	125.717	ng/ul#	86
75) 1,2,3,4-Tetrachloroben...	13.708	216	783938	146.634	ng/uL	95
76) Pentachlorobenzene	15.218	250	735886	142.750	ng/uL	98
77) Carbazole	18.050	167	2224143	135.237	ng/ul#	89
78) Di-n-butylphthalate	18.584	149	2503399	132.016	ng/ul#	90
80) Fluoranthene	19.683	202	2792180	119.030	ng/ul#	92
82) Pyrene	20.053	202	2598706	112.657	ng/ul#	90
83) Butylbenzylphthalate	20.917	149	1265171	162.811	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.839	252	897768	122.663	ng/ul	97
85) Benzo(a)anthracene	21.933	228	2756320	133.929	ng/ul#	87
86) Bis(2-ethylhexyl)phtha...	21.816	149	1765644	159.179	ng/ul#	92
87) Chrysene	22.010	228	2621296	131.380	ng/ul#	87
89) Di-n-octyl phthalate	23.108	149	2844719	168.545	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	2997051	148.705	ng/ul	94
91) Benzo(k)fluoranthene	24.307	252	2997051	158.365	ng/ul	93
93) Benzo(a)pyrene	25.265	252	2844678	148.599	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.384	276	3434861	153.550	ng/ul	96
95) Dibenzo(a,h)anthracene	29.477	278	2868283	148.767	ng/ul	96
96) Benzo(g,h,i)perylene	30.658	276	2880540	150.501	ng/ul	97

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

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