Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050167.D
Acq On : 7 Sep 2021 12:27
Operator : CG/JU
Sample : SSTD02031
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD020

Quant Time: Sep 07 17:38:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 16:10:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	31371	20.000	ng/ul	0.00
20) Naphthalene-d8	10.768	136	168245	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	81865	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.365	188	176353	20.000	ng/ul	0.00
79) Chrysene-d12	21.642	240	173878	20.000	ng/ul	0.00
88) Perylene-d12	24.855	264	175935	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	6885	10.548	ng/uL	0.00
4) Pyridine-d5	3.736	84	68248	27.069	ng/ul	0.00
7) Phenol-d5	7.120	99	79801	29.041	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	40321	27.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.484	132	51161	24.288	ng/ul	0.00
15) 4-Methylphenol-d8	8.677	113	62906	28.410	ng/ul	0.00
21) Nitrobenzene-d5	9.123	128	27434	22.302	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	38528	25.477	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	65523	23.521	ng/ul	0.00
31) 4-Chloroaniline-d4	10.909	131	88598	25.832	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	167658	25.139	ng/ul	0.00
49) Acenaphthylene-d8	14.305	160	188743	24.149	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	17313	21.861	ng/ul	0.00
60) Fluorene-d10	15.609	176	134474	24.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.750	200	24465	21.561	ng/ul	0.00
73) Anthracene-d10	17.465	188	208034	24.588	ng/ul	0.00
81) Pyrene-d10	19.756	212	233148	25.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.632	264	238852	24.018	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	8460	11.146	ng/uL	88
5) Pyridine	3.754	79	69714	27.138	ng/ul#	83
6) Benzaldehyde	7.079	77	39065	26.562	ng/ul	94
8) Phenol	7.149	94	79411	29.978	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.367	93	52300	26.702	ng/ul	98
12) 2-Chlorophenol	7.514	128	48828	24.014	ng/ul#	90
13) 2-Methylphenol	8.407	108	47208	22.672	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.477	45	45789	23.497	ng/ul	96
16) Acetophenone	8.783	105	91956	28.759	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.759	70	50710	29.285	ng/ul	92
18) 4-Methylphenol	8.736	108	65244	30.508	ng/ul	90
19) Hexachloroethane	9.035	117	24858	26.969	ng/ul	92
22) Nitrobenzene	9.164	77	79330	24.159	ng/ul	93
23) Isophorone	9.687	82	160648	24.948	ng/ul#	95
25) 2-Nitrophenol	9.881	139	34719	23.422	ng/ul	94
26) 2,4-Dimethylphenol	9.940	107	72170	21.690	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.169	93	86540	24.018	ng/ul	96
29) 2,4-Dichlorophenol	10.427	162	59832	23.681	ng/ul	95
30) Naphthalene	10.821	128	196059	23.864	ng/ul	97
32) 4-Chloroaniline	10.938	127	84276	26.243	ng/ul	93
33) Hexachlorobutadiene	11.097	225	54092	26.081	ng/ul	94
34) Caprolactam	11.702	113	9950	12.663	ng/ul	90
35) 4-Chloro-3-methylphenol	12.078	107	76452	24.987	ng/ul	98
36) 2-Methylnaphthalene	12.431	142	141042	22.820	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.648	142	153220	25.132	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.807	216	79763	26.094	ng/ul#	95
40) Hexachlorocyclopentadiene	12.777	237	21642	25.541	ng/ul#	90
41) 2,4,6-Trichlorophenol	13.053	196	45871	26.365	ng/ul	88
42) 2,4,5-Trichlorophenol	13.136	196	48744	26.443	ng/ul	92
43) 1,1'-Biphenyl	13.441	154	171189	26.402	ng/ul#	94
44) 2-Chloronaphthalene	13.488	162	131304	25.979	ng/ul	99
45) 2-Nitroaniline	13.699	65	52453	30.600	ng/ul	96
47) Dimethylphthalate	14.058	163	157252	24.850	ng/ul	99
48) 2,6-Dinitrotoluene	14.193	165	33259	24.731	ng/ul	86
50) Acenaphthylene	14.334	152	174336	23.980	ng/ul	98
51) 3-Nitroaniline	14.522	138	24151	20.117	ng/ul	94
52) Acenaphthene	14.675	153	126168	24.316	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	13004	23.436	ng/ul#	80
55) 4-Nitrophenol	14.857	109	18822	21.574	ng/ul	95
56) Dibenzofuran	15.009	168	173115	24.258	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	45910	24.191	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.250	232	30694	23.272	ng/ul#	89
59) Diethylphthalate	15.421	149	152178	24.087	ng/ul	98
61) Fluorene	15.662	166	146986	24.479	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.650	204	75277	23.731	ng/ul	99
63) 4-Nitroaniline	15.691	138	19332	17.244	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.761	198	21017	21.094	ng/ul#	93
67) N-Nitrosodiphenylamine	15.867	169	120760	23.837	ng/ul	95
68) 4-Bromophenyl-phenylether	16.549	248	54903	24.544	ng/ul	92
69) Hexachlorobenzene	16.678	284	58649	23.401	ng/ul#	93
70) Atrazine	16.813	200	50916	24.110	ng/ul	96
71) Pentachlorophenol	17.030	266	14325	19.935	ng/ul	88
72) Phenanthrene	17.412	178	230907	24.164	ng/ul	98
74) Anthracene	17.500	178	239724	24.561	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.412	216	76856	25.542	ng/uL	91
76) Pentachlorobenzene	14.939	250	72743	24.082	ng/uL	97
77) Carbazole	17.776	167	205063	24.018	ng/ul	97
78) Di-n-butylphthalate	18.317	149	252478	24.410	ng/ul	99
80) Fluoranthene	19.421	202	292392	25.546	ng/ul#	96
82) Pyrene	19.785	202	283805	25.316	ng/ul	99
83) Butylbenzylphthalate	20.661	149	110462	25.909	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.530	252	97086	24.354	ng/ul	97
85) Benzo(a)anthracene	21.618	228	273547	24.201	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.507	149	152846	23.894	ng/ul	100
87) Chrysene	21.683	228	261487	24.761	ng/ul	98
89) Di-n-octyl phthalate	22.705	149	263216	24.187	ng/ul	100
90) Benzo(b)fluoranthene	23.833	252	288140	24.366	ng/ul	95
91) Benzo(k)fluoranthene	23.897	252	273524	24.427	ng/ul	99
93) Benzo(a)pyrene	24.702	252	251875	24.420	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.544	276	322160	23.855	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.585	278	264876	23.690	ng/ul#	92
96) Benzo(g,h,i)perylene	29.678	276	118796	10.949	ng/ul	97

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

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