Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122321\
Data File : BP008518.D
Acq On : 23 Dec 2021 09:57
Operator : CG/JU
Sample : SSTD02038
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020645

Quant Time: Dec 23 11:59:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 11:56:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	517991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	2158156	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	1436406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	2893123	20.000	ng/ul	0.00
79) Chrysene-d12	21.363	240	2345181	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	2130094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	96719	8.152	ng/uL	0.00
4) Pyridine-d5	3.758	84	657716	19.840	ng/ul	0.00
7) Phenol-d5	7.063	99	840471	19.673	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	493121	20.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	692543	20.367	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	682906	19.717	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	324159	21.684	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	289448	21.596	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	722659	20.879	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	1000896	20.869	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	2223217	20.680	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	2818045	20.839	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	331735	20.704	ng/ul	0.00
60) Fluorene-d10	15.528	176	1942915	21.044	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	221930	18.923	ng/ul	0.00
73) Anthracene-d10	17.381	188	2911099	21.007	ng/ul	0.00
81) Pyrene-d10	19.610	212	3078768	20.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.639	264	2288049	20.793	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	103959	8.162	ng/uL	98
5) Pyridine	3.775	79	686772	20.124	ng/ul	98
6) Benzaldehyde	7.040	77	552796	22.373	ng/ul	97
8) Phenol	7.087	94	878475	20.076	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.328	93	713997	20.443	ng/ul	98
12) 2-Chlorophenol	7.469	128	720459	20.530	ng/ul	99
13) 2-Methylphenol	8.346	108	676982	19.734	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	832753	20.316	ng/ul	99
16) Acetophenone	8.722	105	1107393	20.867	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	553308	20.207	ng/ul	99
18) 4-Methylphenol	8.669	108	730759	19.948	ng/ul	97
19) Hexachloroethane	8.993	117	292625	20.639	ng/ul	98
22) Nitrobenzene	9.104	77	751460	21.425	ng/ul	99
23) Isophorone	9.634	82	1576282	20.143	ng/ul	99
25) 2-Nitrophenol	9.816	139	344031	22.252	ng/ul	98
26) 2,4-Dimethylphenol	9.881	107	804383	20.507	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.116	93	978326	20.679	ng/ul	99
29) 2,4-Dichlorophenol	10.351	162	726985	21.286	ng/ul	99
30) Naphthalene	10.757	128	2401228	21.062	ng/ul	99
32) 4-Chloroaniline	10.857	127	1022882	21.141	ng/ul	99
33) Hexachlorobutadiene	11.057	225	499931	21.340	ng/ul	99
34) Caprolactam	11.610	113	194739	23.778	ng/ul	97
35) 4-Chloro-3-methylphenol	11.981	107	712521	20.500	ng/ul	100
36) 2-Methylnaphthalene	12.369	142	1705731	20.824	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	1733061	20.848	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.734	216	968788	21.276	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	614167	19.778	ng/ul	100
41) 2,4,6-Trichlorophenol	12.969	196	557175	22.435	ng/ul	99
42) 2,4,5-Trichlorophenol	13.034	196	610469	23.374	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	2359442	21.147	ng/ul	100
44) 2-Chloronaphthalene	13.410	162	1808327	21.111	ng/ul	99
45) 2-Nitroaniline	13.604	65	368433	21.868	ng/ul	98
47) Dimethylphthalate	13.992	163	2228494	20.792	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	403402	22.531	ng/ul	95
50) Acenaphthylene	14.257	152	2908824	21.216	ng/ul	99
51) 3-Nitroaniline	14.428	138	412720	21.840	ng/ul	97
52) Acenaphthene	14.598	153	1868782	20.997	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	132626	19.572	ng/ul	96
55) 4-Nitrophenol	14.728	109	237859	20.824	ng/ul	98
56) Dibenzofuran	14.934	168	2735943	21.225	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	558403	22.620	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	461580	21.676	ng/ul	98
59) Diethylphthalate	15.363	149	2177901	20.571	ng/ul	99
61) Fluorene	15.586	166	2179343	21.026	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.581	204	1149454	21.204	ng/ul	100
63) 4-Nitroaniline	15.586	138	404591	23.217	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	241900	19.325	ng/ul	99
67) N-Nitrosodiphenylamine	15.792	169	1894666	21.128	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	697838	20.852	ng/ul	100
69) Hexachlorobenzene	16.592	284	801204	20.934	ng/ul	99
70) Atrazine	16.745	200	688212	20.343	ng/ul	99
71) Pentachlorophenol	16.933	266	367192	19.404	ng/ul	98
72) Phenanthrene	17.328	178	3364202	21.085	ng/ul	100
74) Anthracene	17.416	178	3441844	21.473	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.340	216	1040490	21.370	ng/uL	99
76) Pentachlorobenzene	14.857	250	952564	21.236	ng/uL	99
77) Carbazole	17.680	167	2958255	21.634	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3497566	20.864	ng/ul	100
80) Fluoranthene	19.286	202	3734683	20.969	ng/ul	99
82) Pyrene	19.639	202	3764913	21.183	ng/ul	99
83) Butylbenzylphthalate	20.522	149	1203801	20.068	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	1075251	21.691	ng/ul	99
85) Benzo(a)anthracene	21.351	228	3215054	21.061	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1853162	20.346	ng/ul#	99
87) Chrysene	21.398	228	3102505	21.222	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	2724922	19.458	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2966100	20.618	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	2810834	20.934	ng/ul	100
93) Benzo(a)pyrene	23.686	252	2841193	20.917	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.327	276	3216849	21.253	ng/ul	97
95) Dibenzo(a,h)anthracene	26.351	278	2790228	21.451	ng/ul	100
96) Benzo(g,h,i)perylene	27.104	276	2650234	21.152	ng/ul	99

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

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