Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007787.D
Acq On : 29 Oct 2021 17:40
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020727

Quant Time: Oct 29 18:13:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 27 15:37:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	194245	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	770505	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	494433	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	1081031	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	1237115	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	1348571	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	37271	8.716	ng/uL	0.00
4) Pyridine-d5	3.781	84	278746	21.556	ng/ul	0.00
7) Phenol-d5	7.093	99	322260	21.842	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	175914	21.475	ng/ul	0.00
11) 2-Chlorophenol-d4	7.464	132	261737	22.809	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	247817	21.451	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	115577	22.011	ng/ul	0.00
24) 2-Nitrophenol-d4	9.810	143	127767	22.279	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	262406	22.479	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	338004	21.899	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	711540	21.245	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	882248	21.492	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	132101	21.518	ng/ul	0.00
60) Fluorene-d10	15.563	176	599315	21.226	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	94493	16.341	ng/ul	0.00
73) Anthracene-d10	17.422	188	966496	21.755	ng/ul	0.00
81) Pyrene-d10	19.657	212	1179398	20.477	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	1460654	22.048	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	42518	8.894	ng/uL	88
5) Pyridine	3.805	79	277086	21.875	ng/ul	100
6) Benzaldehyde	7.064	77	67602	9.531	ng/ul	94
8) Phenol	7.122	94	327625	21.978	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.352	93	254904	21.690	ng/ul	97
12) 2-Chlorophenol	7.493	128	267322	22.979	ng/ul	98
13) 2-Methylphenol	8.375	108	241022	21.404	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	288791	21.635	ng/ul	97
16) Acetophenone	8.752	105	372049	21.578	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.740	70	180753	22.041	ng/ul	93
18) 4-Methylphenol	8.705	108	260400	21.685	ng/ul	96
19) Hexachloroethane	9.016	117	107679	22.617	ng/ul	90
22) Nitrobenzene	9.128	77	273630	22.085	ng/ul	95
23) Isophorone	9.663	82	501249	21.149	ng/ul	97
25) 2-Nitrophenol	9.846	139	139355	22.576	ng/ul	94
26) 2,4-Dimethylphenol	9.910	107	292327	22.244	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.146	93	321044	21.130	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	254300	22.236	ng/ul	97
30) Naphthalene	10.787	128	776770	21.354	ng/ul	99
32) 4-Chloroaniline	10.893	127	342065	21.773	ng/ul	100
33) Hexachlorobutadiene	11.081	225	182279	21.862	ng/ul	99
34) Caprolactam	11.657	113	74738	19.931	ng/ul	95
35) 4-Chloro-3-methylphenol	12.016	107	264923	22.376	ng/ul	98
36) 2-Methylnaphthalene	12.393	142	534203	21.361	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	539018	21.346	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	325548	21.707	ng/ul	98
40) Hexachlorocyclopentadiene	12.752	237	160044	16.455	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	206772	21.912	ng/ul	96
42) 2,4,5-Trichlorophenol	13.075	196	229648	22.602	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	719201	21.056	ng/ul	98
44) 2-Chloronaphthalene	13.440	162	562095	21.235	ng/ul	100
45) 2-Nitroaniline	13.640	65	149710	22.419	ng/ul	95
47) Dimethylphthalate	14.028	163	704951	21.295	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	140495	22.220	ng/ul	93
50) Acenaphthylene	14.287	152	890156	21.419	ng/ul	100
51) 3-Nitroaniline	14.469	138	112651	16.799	ng/ul#	93
52) Acenaphthene	14.634	153	572136	20.874	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	54339	13.769	ng/ul	93
55) 4-Nitrophenol	14.775	109	120032	22.116	ng/ul	90
56) Dibenzofuran	14.969	168	843506	21.052	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	206164	22.703	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.193	232	189117	22.835	ng/ul	98
59) Diethylphthalate	15.393	149	693699	21.367	ng/ul	98
61) Fluorene	15.616	166	666375	21.336	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	349543	21.104	ng/ul	100
63) 4-Nitroaniline	15.628	138	96354	15.477	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.693	198	95931	16.482	ng/ul#	98
67) N-Nitrosodiphenylamine	15.828	169	590719	21.180	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	221222	20.987	ng/ul	95
69) Hexachlorobenzene	16.628	284	258185	21.152	ng/ul	98
70) Atrazine	16.787	200	240635	20.809	ng/ul	97
71) Pentachlorophenol	16.975	266	158281	20.880	ng/ul	98
72) Phenanthrene	17.369	178	1106086	21.169	ng/ul	99
74) Anthracene	17.457	178	1125448	21.655	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	335085	21.201	ng/uL	99
76) Pentachlorobenzene	14.893	250	320260	21.014	ng/uL	98
77) Carbazole	17.728	167	1038022	21.635	ng/ul	99
78) Di-n-butylphthalate	18.287	149	1196552	21.783	ng/ul	99
80) Fluoranthene	19.334	202	1433488	20.308	ng/ul	98
82) Pyrene	19.686	202	1464579	20.500	ng/ul	97
83) Butylbenzylphthalate	20.563	149	596275	21.451	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	423714	18.480	ng/ul#	98
85) Benzo(a)anthracene	21.398	228	1580304	21.511	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	862279	20.876	ng/ul	99
87) Chrysene	21.457	228	1521962	21.427	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	1537992	20.474	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1730808	21.782	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1615149	21.720	ng/ul	98
93) Benzo(a)pyrene	23.751	252	1681179	21.836	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.416	276	2005343	21.867	ng/ul	97
95) Dibenzo(a,h)anthracene	26.433	278	1713519	21.804	ng/ul	98
96) Benzo(g,h,i)perylene	27.198	276	1728062	22.154	ng/ul	96

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

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