Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
Data File : BP007745.D
Acq On : 28 Oct 2021 10:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020723

Quant Time: Oct 28 11:29:14 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	7.934	152	186624	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	748531	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	491222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1044022	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	1093350	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	1180452	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	34006	8.277	ng/uL	0.00
4) Pyridine-d5	3.781	84	257527	20.729	ng/ul	0.00
7) Phenol-d5	7.093	99	306225	21.603	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	166889	21.206	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	253245	22.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	243530	21.940	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	115614	22.665	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	128745	23.108	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	260135	22.939	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	339663	22.652	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	724477	21.773	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	921749	22.602	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	127799	20.953	ng/ul	0.00
60) Fluorene-d10	15.563	176	615281	21.934	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	111521	19.970	ng/ul	0.00
73) Anthracene-d10	17.428	188	975048	22.726	ng/ul	0.00
81) Pyrene-d10	19.657	212	1136016	22.317	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	1298991	22.401	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	37772	8.224	ng/uL	90
5) Pyridine	3.799	79	255669	21.009	ng/ul	100
6) Benzaldehyde	7.063	77	108578	15.933	ng/ul	95
8) Phenol	7.122	94	311985	21.784	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.352	93	245204	21.717	ng/ul	96
12) 2-Chlorophenol	7.493	128	254847	22.802	ng/ul	99
13) 2-Methylphenol	8.375	108	238106	22.009	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	272292	21.232	ng/ul	97
16) Acetophenone	8.752	105	375394	22.661	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.740	70	178647	22.674	ng/ul	92
18) 4-Methylphenol	8.705	108	255639	22.158	ng/ul	99
19) Hexachloroethane	9.016	117	101967	22.292	ng/ul	87
22) Nitrobenzene	9.128	77	265912	22.093	ng/ul	96
23) Isophorone	9.663	82	513410	22.298	ng/ul	96
25) 2-Nitrophenol	9.846	139	138523	23.100	ng/ul	93
26) 2,4-Dimethylphenol	9.910	107	289963	22.712	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.146	93	319623	21.654	ng/ul	98
29) 2,4-Dichlorophenol	10.381	162	253167	22.787	ng/ul	98
30) Naphthalene	10.787	128	793246	22.447	ng/ul	99
32) 4-Chloroaniline	10.893	127	350826	22.986	ng/ul	99
33) Hexachlorobutadiene	11.081	225	182604	22.544	ng/ul	98
34) Caprolactam	11.657	113	77397	21.246	ng/ul	90
35) 4-Chloro-3-methylphenol	12.016	107	259230	22.538	ng/ul	97
36) 2-Methylnaphthalene	12.398	142	541900	22.305	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	550277	22.432	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	326698	21.926	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	186079	19.257	ng/ul	96
41) 2,4,6-Trichlorophenol	13.004	196	206107	21.984	ng/ul	97
42) 2,4,5-Trichlorophenol	13.069	196	226352	22.423	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	745159	21.958	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	579304	22.029	ng/ul	98
45) 2-Nitroaniline	13.645	65	145142	21.877	ng/ul	89
47) Dimethylphthalate	14.028	163	717280	21.809	ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	144538	23.009	ng/ul	91
50) Acenaphthylene	14.292	152	927534	22.464	ng/ul	100
51) 3-Nitroaniline	14.469	138	111935	16.801	ng/ul#	94
52) Acenaphthene	14.634	153	600032	22.035	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	71394	18.209	ng/ul	93
55) 4-Nitrophenol	14.775	109	110245	20.445	ng/ul	96
56) Dibenzofuran	14.969	168	872890	21.927	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	207331	22.981	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.198	232	188694	22.933	ng/ul	93
59) Diethylphthalate	15.392	149	711407	22.055	ng/ul	100
61) Fluorene	15.622	166	691278	22.278	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.616	204	362172	22.009	ng/ul	98
63) 4-Nitroaniline	15.628	138	103925	16.802	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.698	198	112964	20.096	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	607125	22.540	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	224349	22.038	ng/ul	94
69) Hexachlorobenzene	16.634	284	257058	21.806	ng/ul	95
70) Atrazine	16.786	200	239945	21.485	ng/ul	97
71) Pentachlorophenol	16.975	266	155963	21.304	ng/ul	99
72) Phenanthrene	17.369	178	1127318	22.340	ng/ul	99
74) Anthracene	17.457	178	1150407	22.920	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	338387	22.169	ng/uL	98
76) Pentachlorobenzene	14.892	250	328273	22.303	ng/uL	98
77) Carbazole	17.728	167	1021319	22.042	ng/ul	100
78) Di-n-butylphthalate	18.286	149	1224169	23.076	ng/ul	99
80) Fluoranthene	19.333	202	1408188	22.573	ng/ul	97
82) Pyrene	19.686	202	1430529	22.656	ng/ul	97
83) Butylbenzylphthalate	20.563	149	586160	23.859	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.333	252	394065	19.447	ng/ul#	97
85) Benzo(a)anthracene	21.398	228	1430372	22.031	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	858010	23.504	ng/ul	100
87) Chrysene	21.457	228	1387909	22.109	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	1523115	23.163	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1524572	21.919	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1425987	21.908	ng/ul	99
93) Benzo(a)pyrene	23.751	252	1496596	22.207	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	1765224	21.990	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	1504712	21.874	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	1499573	21.963	ng/ul	97

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

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