Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007682.D
Acq On : 26 Oct 2021 17:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020718

Quant Time: Oct 26 17:44:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	282854	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1106941	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	703499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1482555	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1566755	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1710763	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	54439	8.743	ng/uL	0.00
4) Pyridine-d5	3.781	84	393818	20.914	ng/ul	0.00
7) Phenol-d5	7.099	99	415992	19.363	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	235395	19.734	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	335636	20.086	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	324787	19.306	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	151357	20.065	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	168571	20.460	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.363	165	332303	19.815	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	427148	19.263	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	922914	19.367	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1140032	19.519	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	164332	18.813	ng/ul	0.00
60) Fluorene-d10	15.569	176	776503	19.329	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	143997	18.158	ng/ul	0.00
73) Anthracene-d10	17.428	188	1187043	19.483	ng/ul	0.00
81) Pyrene-d10	19.663	212	1427805	19.574	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	1632381	19.424	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	58479	8.400	ng/uL	88
5) Pyridine	3.799	79	386414	20.950	ng/ul	98
6) Benzaldehyde	7.069	77	239345	23.173	ng/ul	98
8) Phenol	7.128	94	424996	19.579	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	333699	19.500	ng/ul	98
12) 2-Chlorophenol	7.499	128	340115	20.078	ng/ul	98
13) 2-Methylphenol	8.381	108	315305	19.229	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	380407	19.571	ng/ul	97
16) Acetophenone	8.758	105	487566	19.419	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.746	70	240370	20.128	ng/ul	93
18) 4-Methylphenol	8.710	108	337761	19.316	ng/ul	99
19) Hexachloroethane	9.022	117	134665	19.425	ng/ul	93
22) Nitrobenzene	9.134	77	361733	20.323	ng/ul	98
23) Isophorone	9.669	82	675163	19.829	ng/ul	97
25) 2-Nitrophenol	9.852	139	184923	20.853	ng/ul	93
26) 2,4-Dimethylphenol	9.916	107	374307	19.825	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.152	93	426868	19.556	ng/ul	98
29) 2,4-Dichlorophenol	10.387	162	326950	19.900	ng/ul	98
30) Naphthalene	10.793	128	1001303	19.160	ng/ul	100
32) 4-Chloroaniline	10.899	127	435103	19.277	ng/ul	100
33) Hexachlorobutadiene	11.087	225	225926	18.861	ng/ul	100
34) Caprolactam	11.669	113	96816	17.971	ng/ul	99
35) 4-Chloro-3-methylphenol	12.022	107	337651	19.851	ng/ul	98
36) 2-Methylnaphthalene	12.398	142	697935	19.426	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	706087	19.464	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.769	216	416074	19.498	ng/ul	97
40) Hexachlorocyclopentadiene	12.757	237	244586	17.674	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	264399	19.692	ng/ul	99
42) 2,4,5-Trichlorophenol	13.081	196	287492	19.886	ng/ul	96
43) 1,1'-Biphenyl	13.410	154	945319	19.451	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	725312	19.258	ng/ul	98
45) 2-Nitroaniline	13.651	65	193042	20.317	ng/ul	92
47) Dimethylphthalate	14.034	163	920022	19.533	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	181003	20.120	ng/ul	93
50) Acenaphthylene	14.298	152	1147909	19.412	ng/ul	100
51) 3-Nitroaniline	14.475	138	185000	19.389	ng/ul#	94
52) Acenaphthene	14.640	153	742518	19.039	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	95325	16.977	ng/ul	93
55) 4-Nitrophenol	14.781	109	143980	18.645	ng/ul	92
56) Dibenzofuran	14.975	168	1086193	19.052	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	260902	20.193	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.204	232	233286	19.797	ng/ul	95
59) Diethylphthalate	15.404	149	891943	19.309	ng/ul	98
61) Fluorene	15.628	166	844617	19.006	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.622	204	442533	18.778	ng/ul	99
63) 4-Nitroaniline	15.639	138	172537	19.478	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	150295	18.829	ng/ul#	96
67) N-Nitrosodiphenylamine	15.834	169	753538	19.701	ng/ul	99
68) 4-Bromophenyl-phenylether	16.522	248	281442	19.469	ng/ul	94
69) Hexachlorobenzene	16.639	284	321008	19.176	ng/ul	95
70) Atrazine	16.792	200	301233	18.994	ng/ul	99
71) Pentachlorophenol	16.981	266	191015	18.374	ng/ul	99
72) Phenanthrene	17.375	178	1383053	19.301	ng/ul	99
74) Anthracene	17.463	178	1394364	19.563	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	432833	19.969	ng/uL	99
76) Pentachlorobenzene	14.898	250	410812	19.655	ng/uL	100
77) Carbazole	17.733	167	1274825	19.375	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1472078	19.541	ng/ul	99
80) Fluoranthene	19.339	202	1740374	19.468	ng/ul	98
82) Pyrene	19.692	202	1765388	19.511	ng/ul	97
83) Butylbenzylphthalate	20.569	149	692022	19.657	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.339	252	607833	20.933	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	1813071	19.487	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1016119	19.424	ng/ul	100
87) Chrysene	21.463	228	1760081	19.566	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1777518	18.653	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1982239	19.664	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1791488	18.991	ng/ul	99
93) Benzo(a)pyrene	23.763	252	1888959	19.341	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.433	276	2229183	19.161	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	1928012	19.339	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	1915922	19.362	ng/ul	97

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

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