Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007669.D
Acq On : 26 Oct 2021 07:49
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD020717

Quant Time: Oct 26 08:20:40 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	7.940	152	288279	20.000	ng/ul	0.00
20) Naphthalene-d8	10.739	136	1160703	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	757801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	1607568	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	1652514	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	1833239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	48485	7.640	ng/uL	0.00
4) Pyridine-d5	3.787	84	367445	19.147	ng/ul	0.00
7) Phenol-d5	7.098	99	418089	19.094	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	239840	19.729	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	342149	20.091	ng/ul	0.00
15) 4-Methylphenol-d8	8.645	113	336361	19.618	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	156807	19.824	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	171055	19.800	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	355275	20.204	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	448499	19.289	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	998466	19.451	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	1236254	19.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	176144	18.720	ng/ul	0.00
60) Fluorene-d10	15.569	176	836849	19.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	154318	17.946	ng/ul	0.00
73) Anthracene-d10	17.427	188	1289443	19.518	ng/ul	0.00
81) Pyrene-d10	19.662	212	1529830	19.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.709	264	1742724	19.351	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	52689	7.426	ng/uL	92
5) Pyridine	3.804	79	363515	19.338	ng/ul	99
6) Benzaldehyde	7.069	77	244630	23.239	ng/ul	99
8) Phenol	7.128	94	431057	19.484	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.357	93	344656	19.761	ng/ul	100
12) 2-Chlorophenol	7.498	128	346659	20.079	ng/ul	97
13) 2-Methylphenol	8.381	108	328871	19.679	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	395213	19.950	ng/ul	96
16) Acetophenone	8.757	105	512455	20.026	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.745	70	250088	20.548	ng/ul	94
18) 4-Methylphenol	8.710	108	351111	19.702	ng/ul	99
19) Hexachloroethane	9.022	117	138978	19.669	ng/ul	88
22) Nitrobenzene	9.134	77	378220	20.265	ng/ul	97
23) Isophorone	9.669	82	716072	20.056	ng/ul	97
25) 2-Nitrophenol	9.851	139	190821	20.522	ng/ul#	95
26) 2,4-Dimethylphenol	9.916	107	399361	20.173	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.151	93	452371	19.764	ng/ul	98
29) 2,4-Dichlorophenol	10.386	162	342797	19.898	ng/ul	97
30) Naphthalene	10.792	128	1056694	19.284	ng/ul	99
32) 4-Chloroaniline	10.898	127	460238	19.447	ng/ul	97
33) Hexachlorobutadiene	11.086	225	241868	19.257	ng/ul	99
34) Caprolactam	11.669	113	105306	18.642	ng/ul	98
35) 4-Chloro-3-methylphenol	12.022	107	363263	20.367	ng/ul	99
36) 2-Methylnaphthalene	12.398	142	744566	19.764	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	749442	19.702	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	444762	19.349	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	264020	17.712	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	285028	19.708	ng/ul	95
42) 2,4,5-Trichlorophenol	13.080	196	307255	19.730	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	1010232	19.297	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	777352	19.161	ng/ul	99
45) 2-Nitroaniline	13.651	65	209913	20.509	ng/ul	90
47) Dimethylphthalate	14.033	163	989941	19.511	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	201452	20.788	ng/ul	93
50) Acenaphthylene	14.292	152	1245468	19.553	ng/ul	99
51) 3-Nitroaniline	14.475	138	203323	19.782	ng/ul#	93
52) Acenaphthene	14.639	153	800512	19.055	ng/ul	99
53) 2,4-Dinitrophenol	14.680	184	99456	16.443	ng/ul	93
55) 4-Nitrophenol	14.780	109	158069	19.002	ng/ul	91
56) Dibenzofuran	14.974	168	1173767	19.113	ng/ul	100
57) 2,4-Dinitrotoluene	14.933	165	281787	20.247	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.198	232	251977	19.851	ng/ul	99
59) Diethylphthalate	15.398	149	969413	19.482	ng/ul	98
61) Fluorene	15.621	166	912102	19.054	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.621	204	486847	19.178	ng/ul	98
63) 4-Nitroaniline	15.639	138	192409	20.164	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	155373	17.951	ng/ul	99
67) N-Nitrosodiphenylamine	15.833	169	820796	19.790	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	306317	19.542	ng/ul	97
69) Hexachlorobenzene	16.633	284	354344	19.521	ng/ul	96
70) Atrazine	16.792	200	327740	19.058	ng/ul	98
71) Pentachlorophenol	16.980	266	205924	18.267	ng/ul	97
72) Phenanthrene	17.368	178	1492088	19.203	ng/ul	100
74) Anthracene	17.463	178	1499489	19.402	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	465146	19.791	ng/uL	99
76) Pentachlorobenzene	14.892	250	445472	19.656	ng/uL	100
77) Carbazole	17.727	167	1369606	19.196	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1607188	19.675	ng/ul	99
80) Fluoranthene	19.339	202	1860013	19.727	ng/ul	97
82) Pyrene	19.692	202	1900896	19.919	ng/ul	96
83) Butylbenzylphthalate	20.568	149	736071	19.823	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	624760	20.399	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	1936077	19.729	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1076618	19.513	ng/ul#	99
87) Chrysene	21.456	228	1849161	19.489	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1891900	18.527	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2090327	19.351	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	1915723	18.951	ng/ul	99
93) Benzo(a)pyrene	23.756	252	2026777	19.366	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	2432084	19.509	ng/ul	99
95) Dibenzo(a,h)anthracene	26.444	278	2086892	19.534	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	2084418	19.658	ng/ul	97

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

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