Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
Data File : BP013235.D
Acq On : 22 Dec 2022 08:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020715

Quant Time: Dec 22 21:41:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 23:38:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	550016	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2282420	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1337603	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2384867	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	2050437	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	2456915	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	107187	8.332	ng/uL	0.00
4) Pyridine-d5	3.764	84	801503	21.934	ng/ul	0.00
7) Phenol-d5	7.105	99	932340	20.811	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	599698	22.190	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	737083	20.900	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	734389	20.006	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	356671	21.269	ng/ul	0.00
24) 2-Nitrophenol-d4	9.840	143	400256	21.201	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	764999	20.861	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	955437	18.456	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1993562	19.392	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2374117	21.017	ng/ul	0.00
54) 4-Nitrophenol-d4	14.786	143	279004	15.088	ng/ul	0.00
60) Fluorene-d10	15.581	176	1706426	19.621	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	255084	16.621	ng/ul	0.00
73) Anthracene-d10	17.445	188	2263745	21.040	ng/ul	0.00
81) Pyrene-d10	19.674	212	2248325	19.103	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.745	264	2496211	20.383	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	112957	8.412	ng/uL	96
5) Pyridine	3.781	79	796147	21.922	ng/ul	94
6) Benzaldehyde	7.087	77	369493	21.063	ng/ul	95
8) Phenol	7.134	94	958352	21.157	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.369	93	785087	21.117	ng/ul	97
12) 2-Chlorophenol	7.510	128	763762	21.118	ng/ul	96
13) 2-Methylphenol	8.393	108	712631	20.180	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1194197	23.408	ng/ul	98
16) Acetophenone	8.775	105	1197292	21.272	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.757	70	602049	21.271	ng/ul	93
18) 4-Methylphenol	8.722	108	792251	20.254	ng/ul	100
19) Hexachloroethane	9.034	117	299889	20.750	ng/ul	97
22) Nitrobenzene	9.157	77	905565	23.012	ng/ul	96
23) Isophorone	9.687	82	1607629	20.204	ng/ul	97
25) 2-Nitrophenol	9.869	139	427270	20.887	ng/ul	90
26) 2,4-Dimethylphenol	9.928	107	857085	21.474	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.169	93	1056675	20.769	ng/ul	99
29) 2,4-Dichlorophenol	10.404	162	765353	21.306	ng/ul	99
30) Naphthalene	10.810	128	2510974	21.035	ng/ul	100
32) 4-Chloroaniline	10.922	127	960720	18.753	ng/ul	99
33) Hexachlorobutadiene	11.093	225	525038	21.288	ng/ul	99
34) Caprolactam	11.704	113	173137	14.136	ng/ul	92
35) 4-Chloro-3-methylphenol	12.040	107	728465	19.872	ng/ul	99
36) 2-Methylnaphthalene	12.416	142	1664671	20.328	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.634	142	1698512	20.169	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.781	216	998855	23.191	ng/ul	99
40)	Hexachlorocyclopentadiene	12.763	237	412088	14.702	ng/ul	100
41)	2,4,6-Trichlorophenol	13.022	196	604278	21.831	ng/ul	100
42)	2,4,5-Trichlorophenol	13.092	196	635061	21.359	ng/ul	99
43)	1,1'-Biphenyl	13.422	154	2215489	22.054	ng/ul	98
44)	2-Chloronaphthalene	13.463	162	1755111	22.198	ng/ul	99
45)	2-Nitroaniline	13.675	65	426347	22.241	ng/ul	95
47)	Dimethylphthalate	14.045	163	2001840	19.647	ng/ul	99
48)	2,6-Dinitrotoluene	14.169	165	365751	19.316	ng/ul	98
50)	Acenaphthylene	14.310	152	2590136	21.328	ng/ul	100
51)	3-Nitroaniline	14.498	138	298131	16.674	ng/ul	94
52)	Acenaphthene	14.651	153	1778229	21.130	ng/ul	99
53)	2,4-Dinitrophenol	14.704	184	144867	11.192	ng/ul	97
55)	4-Nitrophenol	14.798	109	211147	16.734	ng/ul	92
56)	Dibenzofuran	14.986	168	2482913	20.751	ng/ul	100
57)	2,4-Dinitrotoluene	14.951	165	489740	17.805	ng/ul	90
58)	2,3,4,6-Tetrachlorophenol	15.216	232	500724	18.454	ng/ul	96
59)	Diethylphthalate	15.404	149	1798238	18.155	ng/ul	100
61)	Fluorene	15.639	166	1956345	20.387	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.628	204	1034378	20.383	ng/ul	98
63)	4-Nitroaniline	15.657	138	246033	15.638	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.716	198	256723	17.118	ng/ul#	94
67)	N-Nitrosodiphenylamine	15.845	169	1554232	23.507	ng/ul	99
68)	4-Bromophenyl-phenylether	16.528	248	583168	22.517	ng/ul	99
69)	Hexachlorobenzene	16.645	284	664319	21.602	ng/ul	99
70)	Atrazine	16.798	200	487009	18.901	ng/ul	98
71)	Pentachlorophenol	16.992	266	342565	18.394	ng/ul	98
72)	Phenanthrene	17.386	178	2651751	21.347	ng/ul	100
74)	Anthracene	17.480	178	2631711	21.218	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.387	216	962204	28.279	ng/uL	99
76)	Pentachlorobenzene	14.904	250	894676	25.790	ng/uL	99
77)	Carbazole	17.751	167	2107279	20.174	ng/ul	99
78)	Di-n-butylphthalate	18.292	149	2233400	17.561	ng/ul	99
80)	Fluoranthene	19.351	202	2614811	19.575	ng/ul	99
82)	Pyrene	19.704	202	2789468	20.244	ng/ul	100
83)	Butylbenzylphthalate	20.569	149	799666	15.022	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.345	252	821779	17.741	ng/ul	99
85)	Benzo(a)anthracene	21.416	228	2885612	21.199	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.327	149	1040069	13.851	ng/ul	100
87)	Chrysene	21.468	228	2735180	21.248	ng/ul	99
89)	Di-n-octyl phthalate	22.274	149	1880411	13.661	ng/ul	100
90)	Benzo(b)fluoranthene	23.151	252	3145460	20.077	ng/ul	99
91)	Benzo(k)fluoranthene	23.198	252	3113811	20.043	ng/ul	99
93)	Benzo(a)pyrene	23.798	252	2829241	20.740	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.498	276	3888580	22.884	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.515	278	3258151	23.158	ng/ul	100
96)	Benzo(g,h,i)perylene	27.298	276	3171319	23.247	ng/ul	99

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

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