Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016571.D
Acq On : 14 Aug 2023 20:41
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020681

Quant Time: Aug 14 23:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	547411	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2427426	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1422719	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2958362	20.000	ng/ul	0.00
79) Chrysene-d12	21.575	240	2364735	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2418367	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	118885	8.252	ng/uL	0.00
4) Pyridine-d5	3.834	84	894030	20.398	ng/ul	0.00
7) Phenol-d5	7.199	99	1053216	20.869	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	665279	20.014	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	796958	21.986	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	835482	20.820	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	397665	23.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	413148	25.468	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	749812	23.487	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	1138485	20.784	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	2175115	21.137	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2606794	22.444	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	431779	20.597	ng/ul	0.00
60) Fluorene-d10	15.704	176	1826725	20.823	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	273163	19.409	ng/ul	0.00
73) Anthracene-d10	17.575	188	2769184	21.640	ng/ul	0.00
81) Pyrene-d10	19.804	212	3007910	24.276	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	2503519	21.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	125588	7.929	ng/uL	99
5) Pyridine	3.858	79	929497	20.440	ng/ul	96
6) Benzaldehyde	7.216	77	670055	24.086	ng/ul	96
8) Phenol	7.228	94	1103933	20.466	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.493	93	891029	20.450	ng/ul	99
12) 2-Chlorophenol	7.611	128	811680	21.282	ng/ul	99
13) 2-Methylphenol	8.499	108	818784	20.898	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.575	45	1210772	19.938	ng/ul	98
16) Acetophenone	8.911	105	1324076	20.433	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	718529	20.675	ng/ul	99
18) 4-Methylphenol	8.828	108	885854	20.572	ng/ul	97
19) Hexachloroethane	9.140	117	338038	21.214	ng/ul	98
22) Nitrobenzene	9.305	77	1035299	21.653	ng/ul	98
23) Isophorone	9.816	82	2005745	22.209	ng/ul	100
25) 2-Nitrophenol	10.005	139	455527	24.563	ng/ul	96
26) 2,4-Dimethylphenol	10.046	107	958192	21.916	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.305	93	1209066	20.886	ng/ul	100
29) 2,4-Dichlorophenol	10.528	162	745614	22.700	ng/ul	98
30) Naphthalene	10.946	128	2633572	20.765	ng/ul	100
32) 4-Chloroaniline	11.075	127	1119812	20.640	ng/ul	100
33) Hexachlorobutadiene	11.181	225	440307	22.237	ng/ul	99
34) Caprolactam	11.887	113	276262	21.619	ng/ul	98
35) 4-Chloro-3-methylphenol	12.163	107	881323	21.951	ng/ul	99
36) 2-Methylnaphthalene	12.546	142	1757938	20.693	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.763	142	1768659	20.676	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.893	216	844582	22.194	ng/ul	99
40) Hexachlorocyclopentadiene	12.846	237	461325	19.924	ng/ul	97
41) 2,4,6-Trichlorophenol	13.140	196	575517	24.301	ng/ul	96
42) 2,4,5-Trichlorophenol	13.210	196	620261	24.161	ng/ul	99
43) 1,1'-Biphenyl	13.546	154	2246142	21.240	ng/ul	98
44) 2-Chloronaphthalene	13.593	162	1759938	21.389	ng/ul	99
45) 2-Nitroaniline	13.822	65	579626	23.298	ng/ul	93
47) Dimethylphthalate	14.169	163	2178761	20.708	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	439484	24.116	ng/ul	95
50) Acenaphthylene	14.440	152	2949180	21.560	ng/ul	99
51) 3-Nitroaniline	14.646	138	479405	23.462	ng/ul	96
52) Acenaphthene	14.775	153	1912372	20.885	ng/ul	99
53) 2,4-Dinitrophenol	14.840	184	171446	16.899	ng/ul	95
55) 4-Nitrophenol	14.928	109	343836	20.176	ng/ul	99
56) Dibenzofuran	15.110	168	2551238	20.422	ng/ul	99
57) 2,4-Dinitrotoluene	15.087	165	632794	23.188	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.322	232	493714	22.954	ng/ul	97
59) Diethylphthalate	15.522	149	2239226	20.815	ng/ul	99
61) Fluorene	15.763	166	2094863	20.450	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	993849	20.668	ng/ul	98
63) 4-Nitroaniline	15.816	138	468624	23.965	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.840	198	302807	19.405	ng/ul	99
67) N-Nitrosodiphenylamine	15.975	169	1769127	22.061	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	602751	22.819	ng/ul	99
69) Hexachlorobenzene	16.740	284	666848	21.606	ng/ul	98
70) Atrazine	16.928	200	644055	22.324	ng/ul	99
71) Pentachlorophenol	17.098	266	434448	22.863	ng/ul	97
72) Phenanthrene	17.522	178	3227329	20.707	ng/ul	100
74) Anthracene	17.610	178	3302325	21.094	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.499	216	886807	23.588	ng/uL	98
76) Pentachlorobenzene	15.004	250	762133	22.593	ng/uL	99
77) Carbazole	17.892	167	3043861	21.098	ng/ul	99
78) Di-n-butylphthalate	18.404	149	3882448	23.247	ng/ul	99
80) Fluoranthene	19.481	202	3623380	24.501	ng/ul	99
82) Pyrene	19.833	202	3706402	23.735	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1731000	27.516	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.492	252	1059343	20.572	ng/ul	100
85) Benzo(a)anthracene	21.557	228	3447429	21.692	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.433	149	2493904	27.316	ng/ul	99
87) Chrysene	21.616	228	3142074	21.128	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	4209782	27.898	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	3132172	21.752	ng/ul	99
91) Benzo(k)fluoranthene	23.410	252	3081442	21.571	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2847616	20.964	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.910	276	3010220	18.777	ng/ul	98
95) Dibenzo(a,h)anthracene	26.945	278	2508441	18.802	ng/ul	99
96) Benzo(g,h,i)perylene	27.774	276	2326491	18.234	ng/ul	98

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

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