Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051823\
Data File : BP015144.D
Acq On : 18 May 2023 14:27
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020718

Quant Time: May 19 01:08:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 01:07:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	313771	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1447237	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	887380	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	1956716	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1665815	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1727712	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	67320	8.336	ng/uL	0.00
4) Pyridine-d5	3.869	84	496421	21.686	ng/ul	0.00
7) Phenol-d5	7.275	99	620707	21.306	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	381595	22.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	450988	21.054	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	493719	21.268	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	232900	20.480	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	252337	19.942	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	479271	20.990	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	733528	21.712	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1428729	21.307	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1661642	21.667	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	272945	20.962	ng/ul	0.00
60) Fluorene-d10	15.757	176	1244147	21.988	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	237762	19.281	ng/ul	0.00
73) Anthracene-d10	17.616	188	1912647	21.347	ng/ul	0.00
81) Pyrene-d10	19.839	212	2104278	21.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1810495	21.110	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	73896	8.516	ng/uL	95
5) Pyridine	3.893	79	519243	21.810	ng/ul	98
6) Benzaldehyde	7.258	77	164060	20.488	ng/ul	97
8) Phenol	7.305	94	655319	21.936	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.540	93	532048	22.261	ng/ul	99
12) 2-Chlorophenol	7.687	128	486925	21.491	ng/ul	97
13) 2-Methylphenol	8.569	108	491787	21.300	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	709326	23.688	ng/ul	98
16) Acetophenone	8.963	105	833653	23.009	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.946	70	431500	22.709	ng/ul	96
18) 4-Methylphenol	8.904	108	550685	21.670	ng/ul	100
19) Hexachloroethane	9.222	117	203199	21.965	ng/ul	100
22) Nitrobenzene	9.346	77	616551	21.951	ng/ul	99
23) Isophorone	9.875	82	1215413	21.053	ng/ul	99
25) 2-Nitrophenol	10.063	139	284347	20.492	ng/ul	98
26) 2,4-Dimethylphenol	10.116	107	596348	21.537	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.357	93	767297	21.844	ng/ul	98
29) 2,4-Dichlorophenol	10.599	162	485276	21.040	ng/ul	97
30) Naphthalene	11.010	128	1696436	21.561	ng/ul	100
32) 4-Chloroaniline	11.116	127	766478	22.074	ng/ul	98
33) Hexachlorobutadiene	11.287	225	282261	20.305	ng/ul	98
34) Caprolactam	11.893	113	162339	18.669	ng/ul	91
35) 4-Chloro-3-methylphenol	12.228	107	549629	21.105	ng/ul	99
36) 2-Methylnaphthalene	12.604	142	1122667	21.177	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1133246	21.286	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	568212	21.410	ng/ul	99
40) Hexachlorocyclopentadiene	12.945	237	307508	17.883	ng/ul	100
41) 2,4,6-Trichlorophenol	13.204	196	382111	20.390	ng/ul	97
42) 2,4,5-Trichlorophenol	13.275	196	425721	20.951	ng/ul	98
43) 1,1'-Biphenyl	13.604	154	1541900	22.395	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	1187081	22.078	ng/ul	98
45) 2-Nitroaniline	13.851	65	349561	22.722	ng/ul	93
47) Dimethylphthalate	14.216	163	1503056	21.523	ng/ul	100
48) 2,6-Dinitrotoluene	14.339	165	291200	21.048	ng/ul	96
50) Acenaphthylene	14.492	152	1897725	22.177	ng/ul	100
51) 3-Nitroaniline	14.669	138	228261	18.322	ng/ul	95
52) Acenaphthene	14.834	153	1305038	22.330	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	145116	15.797	ng/ul#	86
55) 4-Nitrophenol	14.969	109	214697	22.418	ng/ul	97
56) Dibenzofuran	15.163	168	1804491	22.198	ng/ul	100
57) 2,4-Dinitrotoluene	15.128	165	421361	21.047	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.387	232	361410	21.075	ng/ul	98
59) Diethylphthalate	15.575	149	1496926	21.492	ng/ul	100
61) Fluorene	15.816	166	1463680	22.405	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	698755	21.891	ng/ul	99
63) 4-Nitroaniline	15.834	138	199525	18.546	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.892	198	251807	19.786	ng/ul	98
67) N-Nitrosodiphenylamine	16.016	169	1256450	21.838	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	420504	20.864	ng/ul	98
69) Hexachlorobenzene	16.822	284	495273	20.795	ng/ul	98
70) Atrazine	16.969	200	446140	20.979	ng/ul	99
71) Pentachlorophenol	17.163	266	296908	19.929	ng/ul	98
72) Phenanthrene	17.563	178	2346593	22.023	ng/ul	100
74) Anthracene	17.657	178	2360493	21.908	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	580967	20.941	ng/uL	98
76) Pentachlorobenzene	15.087	250	576901	20.710	ng/uL	100
77) Carbazole	17.916	167	2091785	22.140	ng/ul	100
78) Di-n-butylphthalate	18.451	149	2516502	20.683	ng/ul	100
80) Fluoranthene	19.510	202	2587686	21.975	ng/ul	98
82) Pyrene	19.869	202	2733378	22.478	ng/ul	99
83) Butylbenzylphthalate	20.722	149	1113797	20.660	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.504	252	759801	20.768	ng/ul	98
85) Benzo(a)anthracene	21.580	228	2503346	21.734	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1587459	20.453	ng/ul	99
87) Chrysene	21.633	228	2386077	21.671	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	2796147	23.631	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2388538	21.808	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	2438594	23.187	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2091066	21.599	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.868	276	2356971	18.803	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	1942549	18.878	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	1836254	17.964	ng/ul	99

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

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