Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
Data File : BP019414.D
Acq On : 23 Jan 2024 11:32
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020757

Quant Time: Jan 23 12:10:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 11:49:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	125464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	507786	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	353774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	854843	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	750948	20.000	ng/ul	0.00
88) Perylene-d12	23.627	264	728259	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	21613	6.514	ng/uL	0.00
4) Pyridine-d5	3.634	84	159169	16.590	ng/ul	0.00
7) Phenol-d5	6.958	99	201491	16.803	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	123771	17.256	ng/ul	0.00
11) 2-Chlorophenol-d4	7.305	132	148183	17.989	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	165556	17.402	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	77516	18.145	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	92236	18.582	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	184688	18.417	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	219759	17.349	ng/ul	0.00
46) Dimethylphthalate-d6	13.834	166	552784	17.686	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	583584	17.418	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	68901	14.356	ng/ul	0.00
60) Fluorene-d10	15.410	176	471457	18.424	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	98632	15.628	ng/ul	0.00
73) Anthracene-d10	17.269	188	751320	17.622	ng/ul	0.00
81) Pyrene-d10	19.516	212	899409	18.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	702484	17.740	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	23720	6.902	ng/uL	98
5) Pyridine	3.652	79	162459	16.668	ng/ul	95
6) Benzaldehyde	6.916	77	116400	22.265	ng/ul	93
8) Phenol	6.987	94	208289	17.241	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	166426	17.174	ng/ul	99
12) 2-Chlorophenol	7.334	128	150531	17.680	ng/ul	99
13) 2-Methylphenol	8.234	108	158845	17.530	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.299	45	204919	17.772	ng/ul	99
16) Acetophenone	8.599	105	272590	17.988	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.587	70	148196	18.769	ng/ul	99
18) 4-Methylphenol	8.563	108	169528	17.574	ng/ul	98
19) Hexachloroethane	8.834	117	69899	18.176	ng/ul	99
22) Nitrobenzene	8.981	77	220366	18.439	ng/ul	96
23) Isophorone	9.505	82	423149	18.264	ng/ul	99
25) 2-Nitrophenol	9.687	139	94991	18.219	ng/ul	99
26) 2,4-Dimethylphenol	9.757	107	204548	18.195	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.987	93	238633	17.909	ng/ul	100
29) 2,4-Dichlorophenol	10.222	162	178158	18.435	ng/ul	98
30) Naphthalene	10.610	128	515897	18.030	ng/ul	99
32) 4-Chloroaniline	10.740	127	214868	17.338	ng/ul	99
33) Hexachlorobutadiene	10.887	225	154113	18.483	ng/ul	98
34) Caprolactam	11.534	113	52859	17.441	ng/ul	99
35) 4-Chloro-3-methylphenol	11.881	107	201005	18.734	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	351359	16.877	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	350266	17.196	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	269655	17.589	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	149015	15.145	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	167902	17.797	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	177908	17.597	ng/ul	99
43) 1,1'-Biphenyl	13.245	154	502668	17.200	ng/ul	99
44) 2-Chloronaphthalene	13.287	162	413405	17.492	ng/ul	99
45) 2-Nitroaniline	13.510	65	124197	18.321	ng/ul	98
47) Dimethylphthalate	13.881	163	551759	17.763	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	111985	18.231	ng/ul	98
50) Acenaphthylene	14.134	152	653249	17.801	ng/ul	100
51) 3-Nitroaniline	14.340	138	91192	17.021	ng/ul	96
52) Acenaphthene	14.475	153	434453	18.069	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	50866	12.629	ng/ul	95
55) 4-Nitrophenol	14.675	109	76322	14.726	ng/ul	97
56) Dibenzofuran	14.816	168	631058	18.332	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	162305	18.833	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.051	232	169600	18.896	ng/ul	96
59) Diethylphthalate	15.245	149	535424	18.420	ng/ul	99
61) Fluorene	15.469	166	525406	18.634	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	308978	18.363	ng/ul	99
63) 4-Nitroaniline	15.510	138	70987	17.090	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.569	198	105136	15.717	ng/ul	94
67) N-Nitrosodiphenylamine	15.681	169	441209	17.508	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	206383	17.675	ng/ul	96
69) Hexachlorobenzene	16.469	284	235975	17.536	ng/ul	98
70) Atrazine	16.645	200	188143	17.128	ng/ul	99
71) Pentachlorophenol	16.828	266	139714	16.717	ng/ul	98
72) Phenanthrene	17.216	178	842079	17.537	ng/ul	99
74) Anthracene	17.304	178	862626	17.721	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	264242	16.695	ng/uL	99
76) Pentachlorobenzene	14.734	250	269990	17.560	ng/uL	100
77) Carbazole	17.586	167	713498	17.229	ng/ul	100
78) Di-n-butylphthalate	18.133	149	881817	17.793	ng/ul	99
80) Fluoranthene	19.192	202	1055104	18.229	ng/ul	100
82) Pyrene	19.545	202	1072996	18.265	ng/ul	98
83) Butylbenzylphthalate	20.422	149	375155	18.614	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.198	252	306356	17.968	ng/ul	99
85) Benzo(a)anthracene	21.263	228	1020517	17.457	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	528732	18.276	ng/ul	99
87) Chrysene	21.310	228	938953	17.571	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	821252	16.522	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	873032	16.775	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	902416	17.874	ng/ul	99
93) Benzo(a)pyrene	23.521	252	815943	17.448	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.057	276	956208	17.289	ng/ul	98
95) Dibenzo(a,h)anthracene	26.068	278	784062	17.125	ng/ul	100
96) Benzo(g,h,i)perylene	26.804	276	779807	17.557	ng/ul	97

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

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