Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121922\
Data File : BP013166.D
Acq On : 20 Dec 2022 14:47
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020710

Quant Time: Dec 20 21:46:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 21:43:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	542463	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	2258871	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	1387164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	2720760	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1961912	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2401082	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	99122	7.813	ng/uL	0.00
4) Pyridine-d5	3.764	84	745004	20.671	ng/ul	0.00
7) Phenol-d5	7.116	99	911930	20.639	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	558558	20.956	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	740956	21.302	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	737972	20.384	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	372906	22.469	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	426560	22.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	787938	21.711	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	1012381	19.760	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	2120310	19.889	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	2532468	21.618	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	342151	17.842	ng/ul	0.00
60) Fluorene-d10	15.592	176	1829654	20.286	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	329928	18.844	ng/ul	0.00
73) Anthracene-d10	17.451	188	2607770	21.245	ng/ul	0.00
81) Pyrene-d10	19.680	212	2595249	23.046	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	2486912	20.780	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	105309	7.951	ng/uL	96
5) Pyridine	3.787	79	743996	20.771	ng/ul	98
6) Benzaldehyde	7.093	77	360772	20.852	ng/ul	98
8) Phenol	7.140	94	926691	20.743	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.375	93	754691	20.582	ng/ul	98
12) 2-Chlorophenol	7.516	128	744178	20.863	ng/ul	98
13) 2-Methylphenol	8.399	108	714961	20.528	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	1095910	21.781	ng/ul	98
16) Acetophenone	8.787	105	1166347	21.011	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.769	70	588955	21.098	ng/ul	96
18) 4-Methylphenol	8.728	108	782941	20.295	ng/ul	98
19) Hexachloroethane	9.040	117	302984	21.256	ng/ul	94
22) Nitrobenzene	9.163	77	862368	22.143	ng/ul	98
23) Isophorone	9.699	82	1652044	20.979	ng/ul	98
25) 2-Nitrophenol	9.881	139	443121	21.888	ng/ul	97
26) 2,4-Dimethylphenol	9.940	107	843742	21.360	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	1032948	20.514	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	763424	21.474	ng/ul	100
30) Naphthalene	10.822	128	2454478	20.777	ng/ul	100
32) 4-Chloroaniline	10.934	127	1004590	19.814	ng/ul	99
33) Hexachlorobutadiene	11.098	225	525205	21.517	ng/ul	99
34) Caprolactam	11.716	113	217242	17.922	ng/ul	96
35) 4-Chloro-3-methylphenol	12.051	107	757248	20.872	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	1654514	20.415	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	1686476	20.234	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.792	216	998764	22.360	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	493512	16.978	ng/ul	99
41) 2,4,6-Trichlorophenol	13.028	196	633852	22.081	ng/ul	100
42) 2,4,5-Trichlorophenol	13.104	196	679702	22.044	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	2228014	21.386	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	1775361	21.652	ng/ul	99
45) 2-Nitroaniline	13.681	65	465618	23.422	ng/ul	98
47) Dimethylphthalate	14.051	163	2098725	19.862	ng/ul	99
48) 2,6-Dinitrotoluene	14.175	165	420246	21.401	ng/ul	96
50) Acenaphthylene	14.322	152	2673122	21.225	ng/ul	99
51) 3-Nitroaniline	14.504	138	382920	20.651	ng/ul	95
52) Acenaphthene	14.663	153	1816741	20.816	ng/ul	100
53) 2,4-Dinitrophenol	14.710	184	212666	15.844	ng/ul	99
55) 4-Nitrophenol	14.810	109	247963	18.950	ng/ul	94
56) Dibenzofuran	14.998	168	2554730	20.588	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	576047	20.195	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.222	232	570573	20.277	ng/ul	98
59) Diethylphthalate	15.410	149	1977290	19.250	ng/ul	99
61) Fluorene	15.645	166	2043701	20.536	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	1072858	20.386	ng/ul	100
63) 4-Nitroaniline	15.669	138	344085	21.088	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.722	198	324848	18.986	ng/ul#	93
67) N-Nitrosodiphenylamine	15.851	169	1698178	22.513	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	627633	21.242	ng/ul	97
69) Hexachlorobenzene	16.651	284	747921	21.318	ng/ul	97
70) Atrazine	16.810	200	603427	20.529	ng/ul	100
71) Pentachlorophenol	16.998	266	420468	19.790	ng/ul	99
72) Phenanthrene	17.398	178	2978408	21.017	ng/ul	100
74) Anthracene	17.486	178	2991359	21.140	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.398	216	972103	25.043	ng/uL	99
76) Pentachlorobenzene	14.916	250	927874	23.445	ng/uL	99
77) Carbazole	17.757	167	2523324	21.175	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2986107	20.581	ng/ul	99
80) Fluoranthene	19.357	202	3072822	24.041	ng/ul	99
82) Pyrene	19.710	202	3119650	23.661	ng/ul	99
83) Butylbenzylphthalate	20.574	149	1088766	21.375	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.351	252	763869	17.235	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2779410	21.340	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1450586	20.189	ng/ul	100
87) Chrysene	21.480	228	2629505	21.349	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2444291	18.171	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	3073826	20.076	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	2919955	19.232	ng/ul	100
93) Benzo(a)pyrene	23.810	252	2745048	20.590	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.521	276	3867719	23.291	ng/ul	100
95) Dibenzo(a,h)anthracene	26.533	278	3219085	23.413	ng/ul	100
96) Benzo(g,h,i)perylene	27.315	276	3167220	23.757	ng/ul	99

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

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