Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012896.D
Acq On : 01 Dec 2022 01:13
Operator : CG/JU
Sample : N5737-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4345MSD

Quant Time: Dec 01 02:19:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	516239	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2119100	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1287707	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2720507	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2815071	20.000	ng/ul	0.00
88) Perylene-d12	23.998	264	2910458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	52576	4.364	ng/uL	0.00
4) Pyridine-d5	3.823	84	391898	10.870	ng/ul	0.00
7) Phenol-d5	7.158	99	309510	7.296	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	691785	26.465	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	742363	22.966	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	517078	15.129	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	431672	33.282	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	451800	32.806	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	897947	27.944	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1044379	23.734	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	2779783	31.362	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	3139235	30.354	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	171657	10.863	ng/ul	0.00
60) Fluorene-d10	15.640	176	2453801	31.611	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	472639	36.349	ng/ul	0.00
73) Anthracene-d10	17.498	188	3862469	32.253	ng/ul	0.00
81) Pyrene-d10	19.728	212	4621007	28.251	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	4670073	32.667	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	749261	57.911	ng/uL	99
5) Pyridine	3.840	79	425505	12.062	ng/ul	99
6) Benzaldehyde	7.140	77	647260	31.250	ng/ul	99
8) Phenol	7.187	94	329699	7.412	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	931507	25.559	ng/ul	99
12) 2-Chlorophenol	7.569	128	761426	21.655	ng/ul	100
13) 2-Methylphenol	8.446	108	578760	16.741	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1288740	24.515	ng/ul	99
16) Acetophenone	8.834	105	1397846	25.804	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	664492	24.901	ng/ul	97
18) 4-Methylphenol	8.775	108	564757	14.833	ng/ul	99
19) Hexachloroethane	9.099	117	357010	26.477	ng/ul	95
22) Nitrobenzene	9.216	77	1011886	29.746	ng/ul	99
23) Isophorone	9.746	82	1928718	25.719	ng/ul	100
25) 2-Nitrophenol	9.934	139	492476	29.791	ng/ul	95
26) 2,4-Dimethylphenol	9.987	107	864189	23.526	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1222400	26.587	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	872351	26.206	ng/ul	98
30) Naphthalene	10.875	128	2969864	26.764	ng/ul	100
32) 4-Chloroaniline	10.981	127	1010917	22.370	ng/ul	99
33) Hexachlorobutadiene	11.163	225	592557	26.725	ng/ul	98
34) Caprolactam	11.769	113	51854	5.073	ng/ul	96
35) 4-Chloro-3-methylphenol	12.093	107	820965	24.355	ng/ul	99
36) 2-Methylnaphthalene	12.475	142	2036249	26.648	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	2032487	26.540	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.840	216	1173419	28.576	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	525639	26.567	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	765470	29.793	ng/ul	99
42) 2,4,5-Trichlorophenol	13.146	196	825621	29.892	ng/ul	97
43) 1,1'-Biphenyl	13.481	154	2695882	28.739	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	2158006	28.756	ng/ul	100
45) 2-Nitroaniline	13.722	65	573204	39.039	ng/ul	96
47) Dimethylphthalate	14.098	163	2775586	29.874	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	541619	37.249	ng/ul	99
50) Acenaphthylene	14.369	152	3311310	29.282	ng/ul	100
51) 3-Nitroaniline	14.545	138	519557	30.853	ng/ul	99
52) Acenaphthene	14.710	153	2328648	29.249	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	277246	29.672	ng/ul	97
55) 4-Nitrophenol	14.845	109	96563	8.411	ng/ul	99
56) Dibenzofuran	15.045	168	3286909	29.952	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	772931	36.022	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	732172	30.756	ng/ul	98
59) Diethylphthalate	15.463	149	2731995	30.377	ng/ul	99
61) Fluorene	15.692	166	2712064	30.817	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	1401084	30.685	ng/ul	98
63) 4-Nitroaniline	15.710	138	537404	37.443	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.763	198	453707	32.508	ng/ul	98
67) N-Nitrosodiphenylamine	15.898	169	2346404	30.348	ng/ul	100
68) 4-Bromophenyl-phenylether	16.587	248	889539	33.222	ng/ul	99
69) Hexachlorobenzene	16.698	284	1038924	30.443	ng/ul	98
70) Atrazine	16.857	200	784276	29.565	ng/ul	100
71) Pentachlorophenol	17.045	266	604556	28.847	ng/ul	99
72) Phenanthrene	17.445	178	4411667	30.427	ng/ul	99
74) Anthracene	17.534	178	4415491	30.782	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.446	216	1172247	27.872	ng/uL	100
76) Pentachlorobenzene	14.963	250	1155960	26.440	ng/uL	99
77) Carbazole	17.798	167	4129921	34.034	ng/ul	99
78) Di-n-butylphthalate	18.345	149	4825969	33.595	ng/ul	99
80) Fluoranthene	19.404	202	5350294	26.297	ng/ul	97
82) Pyrene	19.757	202	5560643	26.425	ng/ul	97
83) Butylbenzylphthalate	20.622	149	2212121	44.923	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.398	252	476004	9.208	ng/ul	98
85) Benzo(a)anthracene	21.469	228	5594829	28.735	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	3192588	42.394	ng/ul	99
87) Chrysene	21.527	228	5312636	28.220	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	5377839	32.357	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	5801505	26.918	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	5819009	27.049	ng/ul	99
93) Benzo(a)pyrene	23.886	252	5082893	28.680	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	6369367	37.251	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	5628137	36.276	ng/ul	98
96) Benzo(g,h,i)perylene	27.439	276	5478444	37.251	ng/ul	98

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

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