Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011929.D
Acq On : 05 Oct 2022 14:30
Operator : CG/JU
Sample : N4890-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EY0E1MSD

Quant Time: Oct 05 23:22:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 05 23:18:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	222405	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	895220	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	517988	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1085556	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1191686	20.000	ng/ul	0.00
88) Perylene-d12	23.804	264	1202452	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	23483	4.657	ng/uL	0.00
4) Pyridine-d5	3.728	84	172766	11.696	ng/ul	0.00
7) Phenol-d5	7.046	99	148639	7.742	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	371207	34.879	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	432163	28.513	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	262407	16.533	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	270766	39.709	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	270884	37.131	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	485002	35.942	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	631126	30.679	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	1664760	44.943	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	1891158	44.785	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	74385	9.698	ng/ul	0.00
60) Fluorene-d10	15.528	176	1472227	45.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	280768	42.731	ng/ul	0.00
73) Anthracene-d10	17.386	188	2358872	47.703	ng/ul	0.00
81) Pyrene-d10	19.621	212	2893047	47.936	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	3009940	50.004	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	32845	6.030	ng/uL	97
5) Pyridine	3.746	79	170458	11.890	ng/ul	98
6) Benzaldehyde	7.022	77	377724	44.910	ng/ul	99
8) Phenol	7.075	94	152981	7.682	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.305	93	501684	31.660	ng/ul	98
12) 2-Chlorophenol	7.446	128	420748	25.966	ng/ul	99
13) 2-Methylphenol	8.328	108	282951	18.034	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.416	45	476463	30.500	ng/ul	99
16) Acetophenone	8.710	105	742089	30.666	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.693	70	328530	28.845	ng/ul	100
18) 4-Methylphenol	8.657	108	269261	15.576	ng/ul	99
19) Hexachloroethane	8.963	117	201805	33.392	ng/ul	99
22) Nitrobenzene	9.093	77	523207	35.677	ng/ul	98
23) Isophorone	9.622	82	966999	32.505	ng/ul	98
25) 2-Nitrophenol	9.804	139	277057	33.252	ng/ul	98
26) 2,4-Dimethylphenol	9.863	107	351173	22.436	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.104	93	641820	33.440	ng/ul	100
29) 2,4-Dichlorophenol	10.340	162	444083	31.761	ng/ul	99
30) Naphthalene	10.740	128	1684867	35.041	ng/ul	99
32) 4-Chloroaniline	10.857	127	579569	27.538	ng/ul	97
33) Hexachlorobutadiene	11.028	225	296316	35.805	ng/ul	96
34) Caprolactam	11.651	113	18554	3.750	ng/ul	96
35) 4-Chloro-3-methylphenol	11.975	107	424572	28.639	ng/ul	99
36) 2-Methylnaphthalene	12.351	142	1135388	33.812	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1158980	34.397	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	597225	39.757	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	236964	27.613	ng/ul	100
41) 2,4,6-Trichlorophenol	12.957	196	389244	38.709	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	427481	39.027	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1490027	38.891	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	1191378	39.331	ng/ul	99
45) 2-Nitroaniline	13.616	65	303591	41.059	ng/ul	97
47) Dimethylphthalate	13.986	163	1546877	39.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	316969	41.897	ng/ul	99
50) Acenaphthylene	14.251	152	1863904	39.743	ng/ul	100
51) 3-Nitroaniline	14.439	138	324641	37.022	ng/ul	98
52) Acenaphthene	14.592	153	1312347	39.662	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	173321	33.791	ng/ul	96
55) 4-Nitrophenol	14.745	109	47754	9.222	ng/ul	95
56) Dibenzofuran	14.928	168	1835532	40.502	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	466216	42.159	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	377967	39.721	ng/ul	96
59) Diethylphthalate	15.351	149	1537102	39.524	ng/ul	100
61) Fluorene	15.581	166	1528942	41.190	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	744156	40.497	ng/ul	98
63) 4-Nitroaniline	15.604	138	363732	43.468	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	265919	38.202	ng/ul	99
67) N-Nitrosodiphenylamine	15.792	169	1181759	36.903	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	461216	41.769	ng/ul	97
69) Hexachlorobenzene	16.586	284	533925	42.492	ng/ul	99
70) Atrazine	16.751	200	445654	38.570	ng/ul	99
71) Pentachlorophenol	16.933	266	303250	36.694	ng/ul	98
72) Phenanthrene	17.328	178	2588396	43.387	ng/ul	100
74) Anthracene	17.422	178	2565873	42.747	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	632926	42.241	ng/uL	98
76) Pentachlorobenzene	14.845	250	597849	37.340	ng/uL	99
77) Carbazole	17.692	167	2444904	45.081	ng/ul	100
78) Di-n-butylphthalate	18.239	149	2733485	41.157	ng/ul	100
80) Fluoranthene	19.292	202	3131187	42.394	ng/ul	100
82) Pyrene	19.651	202	3286369	42.735	ng/ul	98
83) Butylbenzylphthalate	20.521	149	1334670	40.157	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.292	252	832490	30.345	ng/ul	100
85) Benzo(a)anthracene	21.357	228	3360345	43.120	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.274	149	1948462	38.920	ng/ul	98
87) Chrysene	21.410	228	3163878	43.261	ng/ul	100
89) Di-n-octyl phthalate	22.210	149	3361322	43.815	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	3508873	45.719	ng/ul	99
91) Benzo(k)fluoranthene	23.110	252	3368841	45.582	ng/ul	100
93) Benzo(a)pyrene	23.698	252	3044572	44.452	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.339	276	3741957	42.923	ng/ul	100
95) Dibenzo(a,h)anthracene	26.356	278	3377905	43.617	ng/ul	98
96) Benzo(g,h,i)perylene	27.121	276	3307046	42.788	ng/ul	99

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

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