Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060923\
Data File : BP015463.D
Acq On : 09 Jun 2023 22:30
Operator : MA/JU
Sample : 03097-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZEN4MS

Quant Time: Jun 09 23:39:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 09 23:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	220945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	1016778	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	684485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	1590012	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1553644	20.000	ng/ul	0.00
88) Perylene-d12	24.127	264	1757246	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	8516	1.427	ng/uL	0.00
4) Pyridine-d5	3.852	84	115507	7.453	ng/ul	0.00
7) Phenol-d5	7.246	99	92117	4.526	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	265870	21.871	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	253057	17.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	188564	11.288	ng/ul	0.00
21) Nitrobenzene-d5	9.275	128	181592	22.748	ng/ul	0.00
24) 2-Nitrophenol-d4	9.999	143	201050	22.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	346930	20.862	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	440267	18.445	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	1379147	25.551	ng/ul	0.00
49) Acenaphthylene-d8	14.434	160	1437249	24.352	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	50091	5.182	ng/ul	0.00
60) Fluorene-d10	15.728	176	1127076	24.762	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	255831	25.398	ng/ul	0.00
73) Anthracene-d10	17.592	188	1861014	25.725	ng/ul	0.00
81) Pyrene-d10	19.816	212	2343950	28.188	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	2394234	27.154	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	21081	3.345	ng/uL#	85
5) Pyridine	3.875	79	147943	9.208	ng/ul	98
6) Benzaldehyde	7.228	77	248485	31.938	ng/ul	95
8) Phenol	7.275	94	121184	5.771	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.511	93	390318	23.509	ng/ul	99
12) 2-Chlorophenol	7.652	128	287517	18.440	ng/ul	98
13) 2-Methylphenol	8.540	108	238344	14.752	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	522507	23.748	ng/ul	98
16) Acetophenone	8.928	105	660945	24.791	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.910	70	364098	25.303	ng/ul	98
18) 4-Methylphenol	8.875	108	232687	13.089	ng/ul	98
19) Hexachloroethane	9.181	117	120384	18.270	ng/ul	98
22) Nitrobenzene	9.316	77	518849	24.509	ng/ul	98
23) Isophorone	9.846	82	1063593	25.098	ng/ul	99
25) 2-Nitrophenol	10.034	139	236617	24.040	ng/ul	98
26) 2,4-Dimethylphenol	10.087	107	380756	18.241	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.322	93	605051	24.558	ng/ul	100
29) 2,4-Dichlorophenol	10.569	162	384509	23.255	ng/ul	100
30) Naphthalene	10.975	128	1238865	22.485	ng/ul	100
32) 4-Chloroaniline	11.087	127	399755	16.185	ng/ul	99
33) Hexachlorobutadiene	11.252	225	233944	20.980	ng/ul	99
34) Caprolactam	11.881	113	23130	3.716	ng/ul	96
35) 4-Chloro-3-methylphenol	12.198	107	444419	22.184	ng/ul	99
36) 2-Methylnaphthalene	12.575	142	932074	24.064	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	944469	24.218	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.940	216	541906	25.424	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	214874	24.594	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	373545	26.332	ng/ul	99
42) 2,4,5-Trichlorophenol	13.246	196	411760	26.636	ng/ul	98
43) 1,1'-Biphenyl	13.575	154	1345984	25.428	ng/ul	100
44) 2-Chloronaphthalene	13.616	162	1062905	25.593	ng/ul	98
45) 2-Nitroaniline	13.828	65	394689	29.694	ng/ul	98
47) Dimethylphthalate	14.193	163	1531761	27.486	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	341749	29.931	ng/ul	98
50) Acenaphthylene	14.463	152	1707703	26.128	ng/ul	100
51) 3-Nitroaniline	14.651	138	294437	31.238	ng/ul	98
52) Acenaphthene	14.804	153	1179108	26.098	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	175201	25.509	ng/ul	99
55) 4-Nitrophenol	14.957	109	56128	6.020	ng/ul	97
56) Dibenzofuran	15.134	168	1720317	26.866	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	492882	29.350	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	381630	27.342	ng/ul	97
59) Diethylphthalate	15.545	149	1638430	28.686	ng/ul	99
61) Fluorene	15.787	166	1414588	27.099	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.775	204	717218	27.262	ng/ul	100
63) 4-Nitroaniline	15.816	138	321493	35.960	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.875	198	284127	27.657	ng/ul	97
67) N-Nitrosodiphenylamine	15.992	169	1223153	27.116	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	480567	28.251	ng/ul	99
69) Hexachlorobenzene	16.792	284	568253	28.320	ng/ul	95
70) Atrazine	16.939	200	241978	13.433	ng/ul	98
71) Pentachlorophenol	17.139	266	329819	29.081	ng/ul	99
72) Phenanthrene	17.539	178	2422468	28.391	ng/ul	100
74) Anthracene	17.628	178	2431862	28.090	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.540	216	564912	25.743	ng/uL	100
76) Pentachlorobenzene	15.057	250	596997	25.984	ng/uL	99
77) Carbazole	17.898	167	2243651	28.782	ng/ul	100
78) Di-n-butylphthalate	18.428	149	3041812	30.755	ng/ul	99
80) Fluoranthene	19.492	202	3063670	30.247	ng/ul	99
82) Pyrene	19.845	202	3129248	29.862	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1498085	32.344	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	904819	24.651	ng/ul	98
85) Benzo(a)anthracene	21.563	228	3174400	29.227	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	2245696	32.803	ng/ul	100
87) Chrysene	21.616	228	2964524	28.877	ng/ul	98
89) Di-n-octyl phthalate	22.422	149	3914200	33.892	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3398697	29.963	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	3151918	28.746	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2817951	28.494	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.833	276	3413378	26.670	ng/ul	98
95) Dibenzo(a,h)anthracene	26.845	278	2832149	27.162	ng/ul	99
96) Benzo(g,h,i)perylene	27.662	276	2733173	25.913	ng/ul	100

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

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