

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 13:06
 Operator : CG/JU
 Sample : 02664-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA0MS

Quant Time: May 19 22:09:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	261661	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1193200	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	765392	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1719809	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1550227	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1628553	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	13893	2.063	ng/uL	0.00
4) Pyridine-d5	3.887	84	38298	2.006	ng/u1	0.02
7) Phenol-d5	7.269	99	298666	12.294	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	188583	13.440	ng/u1	0.00
11) 2-Chlorophenol-d4	7.651	132	235942	13.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.834	113	226366	11.693	ng/u1	0.00
21) Nitrobenzene-d5	9.298	128	120756	12.879	ng/u1	0.00
24) 2-Nitrophenol-d4	10.028	143	136168	13.052	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	264060	14.027	ng/u1	0.00
31) 4-Chloroaniline-d4	11.092	131	298367	10.712	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	868829	15.022	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	967016	14.619	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	149135	13.279	ng/u1	0.00
60) Fluorene-d10	15.757	176	759924	15.571	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	129040	11.906	ng/u1	0.00
73) Anthracene-d10	17.616	188	1187980	15.085	ng/u1	0.00
81) Pyrene-d10	19.833	212	1467680	16.324	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1310540	16.211	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	40113	5.543	ng/uL	95
5) Pyridine	3.905	79	49627	2.500	ng/u1#	92
6) Benzaldehyde	7.252	77	195824	29.325	ng/u1	99
8) Phenol	7.299	94	406862	16.332	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.540	93	310408	15.574	ng/u1	99
12) 2-Chlorophenol	7.681	128	287178	15.199	ng/u1	98
13) 2-Methylphenol	8.569	108	266727	13.853	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.651	45	413363	16.553	ng/u1	97
16) Acetophenone	8.957	105	600258	19.867	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.940	70	252205	15.916	ng/u1	97
18) 4-Methylphenol	8.898	108	310858	14.669	ng/u1	100
19) Hexachloroethane	9.216	117	117471	15.227	ng/u1	97
22) Nitrobenzene	9.345	77	370042	15.980	ng/u1	99
23) Isophorone	9.869	82	729953	15.336	ng/u1	100
25) 2-Nitrophenol	10.063	139	176127	15.395	ng/u1	99
26) 2,4-Dimethylphenol	10.116	107	144266	6.319	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.351	93	461538	15.937	ng/u1	98
29) 2,4-Dichlorophenol	10.598	162	305529	16.067	ng/u1	98
30) Naphthalene	11.004	128	1034062	15.940	ng/u1	100
32) 4-Chloroaniline	11.116	127	314502	10.986	ng/u1	98
33) Hexachlorobutadiene	11.287	225	187145	16.329	ng/u1	97
34) Caprolactam	11.887	113	105842	14.763	ng/u1	91
35) 4-Chloro-3-methylphenol	12.222	107	349454	16.275	ng/u1	99
36) 2-Methylnaphthalene	12.604	142	716827	16.400	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	739678	16.852	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.963	216	385824	16.855	ng/ul	97
40) Hexachlorocyclopentadiene	12.939	237	145631	9.819	ng/ul	98
41) 2,4,6-Trichlorophenol	13.204	196	253968	15.712	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	289218	16.502	ng/ul	99
43) 1,1'-Biphenyl	13.598	154	981089	16.521	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	763496	16.463	ng/ul	99
45) 2-Nitroaniline	13.845	65	222658	16.780	ng/ul	93
47) Dimethylphthalate	14.216	163	1007540	16.727	ng/ul	99
48) 2,6-Dinitrotoluene	14.339	165	200849	16.831	ng/ul	96
50) Acenaphthylene	14.486	152	1208327	16.371	ng/ul	100
51) 3-Nitroaniline	14.669	138	197735	18.402	ng/ul	94
52) Acenaphthene	14.828	153	837510	16.614	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	100069	12.630	ng/ul	98
55) 4-Nitrophenol	14.963	109	140400	16.997	ng/ul	97
56) Dibenzofuran	15.163	168	1184461	16.893	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	296041	17.144	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.386	232	253021	17.106	ng/ul	97
59) Diethylphthalate	15.569	149	1036378	17.251	ng/ul	100
61) Fluorene	15.810	166	973428	17.276	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	470091	17.075	ng/ul	97
63) 4-Nitroaniline	15.828	138	208729	22.494	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.886	198	170690	15.260	ng/ul	96
67) N-Nitrosodiphenylamine	16.016	169	841417	16.639	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	300636	16.971	ng/ul	99
69) Hexachlorobenzene	16.816	284	367713	17.566	ng/ul	99
70) Atrazine	16.963	200	196036	10.488	ng/ul	98
71) Pentachlorophenol	17.163	266	241315	18.429	ng/ul	99
72) Phenanthrene	17.557	178	1648575	17.604	ng/ul	99
74) Anthracene	17.651	178	1605405	16.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	391898	16.072	ng/ul	98
76) Pentachlorobenzene	15.081	250	400922	16.375	ng/ul	99
77) Carbazole	17.916	167	1514716	18.241	ng/ul	100
78) Di-n-butylphthalate	18.445	149	1942099	18.161	ng/ul	100
80) Fluoranthene	19.510	202	2093207	19.101	ng/ul	99
82) Pyrene	19.863	202	2172922	19.201	ng/ul	98
83) Butylbenzylphthalate	20.715	149	898069	17.901	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	434168	12.752	ng/ul	99
85) Benzo(a)anthracene	21.574	228	2014222	18.791	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	1317098	18.235	ng/ul	100
87) Chrysene	21.633	228	1957860	19.107	ng/ul	98
89) Di-n-octyl phthalate	22.451	149	2098163	18.812	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	2076709	20.115	ng/ul	99
91) Benzo(k)fluoranthene	23.415	252	1949752	19.668	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1643180	18.006	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.856	276	1904919	16.122	ng/ul	100
95) Dibenzo(a,h)anthracene	26.880	278	1510418	15.572	ng/ul	99
96) Benzo(g,h,i)perylene	27.692	276	1530615	15.886	ng/ul	100

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

