

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015431.D
 Acq On : 08 Jun 2023 12:07
 Operator : MA/JU
 Sample : 02951-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW999MS

Quant Time: Jun 09 01:15:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	138251	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	619240	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	420226	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	983694	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	967695	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1065425	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	13278	3.556	ng/uL	0.00
4) Pyridine-d5	3.858	84	54053	5.574	ng/u1	0.00
7) Phenol-d5	7.252	99	258110	20.265	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	164532	21.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	199683	21.624	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	216376	20.700	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	109612	22.546	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	126226	22.735	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	230523	22.762	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	279932	19.256	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	850863	25.677	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	886821	24.475	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	141166	23.789	ng/u1	0.00
60) Fluorene-d10	15.734	176	694240	24.844	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	150940	24.221	ng/u1	0.00
73) Anthracene-d10	17.598	188	1140719	25.487	ng/u1	0.00
81) Pyrene-d10	19.822	212	1311158	25.316	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1048163	19.607	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	30363	7.699	ng/uL	89
5) Pyridine	3.881	79	47288	4.703	ng/u1#	86
6) Benzaldehyde	7.228	77	170006	34.921	ng/u1	98
8) Phenol	7.275	94	302770	23.042	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.511	93	231027	22.238	ng/u1	99
12) 2-Chlorophenol	7.658	128	218252	22.370	ng/u1	98
13) 2-Methylphenol	8.546	108	211077	20.878	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	315288	22.901	ng/u1	98
16) Acetophenone	8.934	105	463053	27.758	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.911	70	209267	23.242	ng/u1	98
18) 4-Methylphenol	8.875	108	246204	22.134	ng/u1	100
19) Hexachloroethane	9.187	117	76028	18.440	ng/u1	99
22) Nitrobenzene	9.316	77	302319	23.448	ng/u1	99
23) Isophorone	9.846	82	613225	23.760	ng/u1	99
25) 2-Nitrophenol	10.034	139	142909	23.841	ng/u1	99
26) 2,4-Dimethylphenol	10.087	107	155607	12.241	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.328	93	351418	23.420	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	245757	24.406	ng/u1	97
30) Naphthalene	10.975	128	776732	23.148	ng/u1	100
32) 4-Chloroaniline	11.087	127	265073	17.622	ng/u1	99
33) Hexachlorobutadiene	11.252	225	163337	24.052	ng/u1	97
34) Caprolactam	11.869	113	91240	24.070	ng/u1	92
35) 4-Chloro-3-methylphenol	12.204	107	302388	24.785	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	559706	23.727	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	563502	23.725	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.940	216	314961	24.069	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	117862	21.973	ng/ul	95
41) 2,4,6-Trichlorophenol	13.181	196	222462	25.543	ng/ul	98
42) 2,4,5-Trichlorophenol	13.257	196	242600	25.562	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	794541	24.449	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	619228	24.286	ng/ul	99
45) 2-Nitroaniline	13.828	65	223942	27.443	ng/ul	97
47) Dimethylphthalate	14.193	163	889977	26.012	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	187849	26.798	ng/ul	99
50) Acenaphthylene	14.463	152	991763	24.716	ng/ul	99
51) 3-Nitroaniline	14.651	138	179662	31.048	ng/ul	97
52) Acenaphthene	14.804	153	692813	24.978	ng/ul	100
53) 2,4-Dinitrophenol	14.863	184	99658	23.634	ng/ul	98
55) 4-Nitrophenol	14.957	109	151548	26.476	ng/ul	94
56) Dibenzofuran	15.140	168	985180	25.060	ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	281132	27.268	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.363	232	230180	26.861	ng/ul#	99
59) Diethylphthalate	15.551	149	956898	27.289	ng/ul	99
61) Fluorene	15.792	166	828982	25.868	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	415810	25.744	ng/ul	97
63) 4-Nitroaniline	15.816	138	185883	33.866	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.875	198	167795	26.400	ng/ul	93
67) N-Nitrosodiphenylamine	15.992	169	738368	26.458	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	281481	26.747	ng/ul	97
69) Hexachlorobenzene	16.798	284	273135	22.002	ng/ul	97
70) Atrazine	16.945	200	214558	19.253	ng/ul	98
71) Pentachlorophenol	17.145	266	184221	26.255	ng/ul	99
72) Phenanthrene	17.539	178	1409176	26.695	ng/ul	99
74) Anthracene	17.634	178	1398478	26.110	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.546	216	323511	23.829	ng/uL	98
76) Pentachlorobenzene	15.057	250	325106	22.871	ng/uL	97
77) Carbazole	17.898	167	1205654	24.999	ng/ul	100
78) Di-n-butylphthalate	18.428	149	1826480	29.849	ng/ul	99
80) Fluoranthene	19.498	202	1800314	28.536	ng/ul	98
82) Pyrene	19.851	202	1568313	24.028	ng/ul	97
83) Butylbenzylphthalate	20.704	149	888214	30.789	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	519567	22.726	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1872021	27.672	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1341863	31.469	ng/ul	100
87) Chrysene	21.622	228	1765333	27.608	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2336072	33.362	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1955005	28.427	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1833705	27.583	ng/ul	100
93) Benzo(a)pyrene	24.016	252	1000321	16.683	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	1511015	19.472	ng/ul	98
95) Dibenzo(a,h)anthracene	26.851	278	1609977	25.466	ng/ul	99
96) Benzo(g,h,i)perylene	27.662	276	393715	6.157	ng/ul	98

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

