

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015434.D
 Acq On : 08 Jun 2023 14:22
 Operator : MA/JU
 Sample : 02960-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 H0FN8MS

Quant Time: Jun 09 01:38:08 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	125285	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	589705	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	407170	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	956268	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	967638	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1015852	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	8847	2.615	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.252	99	168374	14.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	108205	15.697	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	134189	16.035	ng/u1	0.00
15) 4-Methylphenol-d8	8.811	113	158616	16.744	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	75207	16.244	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	85966	16.259	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	162179	16.815	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	205505	14.845	ng/u1	0.00
46) Dimethylphthalate-d6	14.146	166	619994	19.310	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	627884	17.884	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	80064	13.925	ng/u1	0.00
60) Fluorene-d10	15.734	176	506790	18.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	90116	14.875	ng/u1	0.00
73) Anthracene-d10	17.598	188	836013	19.215	ng/u1	0.00
81) Pyrene-d10	19.816	212	1074567	20.749	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1023413	20.078	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	22340	6.251	ng/uL	88
6) Benzaldehyde	7.228	77	125776	28.510	ng/u1	95
8) Phenol	7.275	94	219382	18.424	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.511	93	165086	17.535	ng/u1	99
12) 2-Chlorophenol	7.658	128	158038	17.874	ng/u1	97
13) 2-Methylphenol	8.546	108	165370	18.050	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	233507	18.716	ng/u1	98
16) Acetophenone	8.934	105	350528	23.187	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.911	70	159783	19.583	ng/u1	99
18) 4-Methylphenol	8.875	108	188718	18.721	ng/u1	95
19) Hexachloroethane	9.187	117	68947	18.454	ng/u1	96
22) Nitrobenzene	9.316	77	224817	18.311	ng/u1	100
23) Isophorone	9.846	82	460455	18.734	ng/u1	99
25) 2-Nitrophenol	10.034	139	106572	18.669	ng/u1	100
26) 2,4-Dimethylphenol	10.087	107	191511	15.820	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.328	93	264212	18.490	ng/u1	98
29) 2,4-Dichlorophenol	10.569	162	184484	19.238	ng/u1	97
30) Naphthalene	10.975	128	584206	18.282	ng/u1	99
32) 4-Chloroaniline	11.093	127	211502	14.765	ng/u1	99
33) Hexachlorobutadiene	11.257	225	119461	18.472	ng/u1	98
34) Caprolactam	11.863	113	66944	18.545	ng/u1	97
35) 4-Chloro-3-methylphenol	12.204	107	232969	20.051	ng/u1	97
36) 2-Methylnaphthalene	12.575	142	419874	18.691	ng/u1	100
37) 1-Methylnaphthalene	12.793	142	420811	18.605	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.940	216	244357	19.273	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	86217	16.589	ng/ul	96
41) 2,4,6-Trichlorophenol	13.181	196	171637	20.339	ng/ul	97
42) 2,4,5-Trichlorophenol	13.257	196	180152	19.591	ng/ul	96
43) 1,1'-Biphenyl	13.575	154	601842	19.113	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	469238	18.994	ng/ul	99
45) 2-Nitroaniline	13.828	65	170589	21.575	ng/ul	98
47) Dimethylphthalate	14.193	163	707076	21.329	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	145616	21.440	ng/ul	98
50) Acenaphthylene	14.463	152	756984	19.470	ng/ul	99
51) 3-Nitroaniline	14.651	138	142012	25.328	ng/ul	97
52) Acenaphthene	14.804	153	534157	19.875	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	51664	12.645	ng/ul	96
55) 4-Nitrophenol	14.957	109	104321	18.810	ng/ul	93
56) Dibenzofuran	15.140	168	771767	20.261	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	221169	22.140	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.363	232	175776	21.170	ng/ul#	99
59) Diethylphthalate	15.551	149	750667	22.094	ng/ul	99
61) Fluorene	15.787	166	645356	20.783	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	325735	20.814	ng/ul	97
63) 4-Nitroaniline	15.816	138	147451	27.725	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.875	198	122888	19.889	ng/ul	94
67) N-Nitrosodiphenylamine	15.993	169	584512	21.545	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	220837	21.586	ng/ul	98
69) Hexachlorobenzene	16.798	284	262550	21.756	ng/ul	96
70) Atrazine	16.945	200	190468	17.581	ng/ul	99
71) Pentachlorophenol	17.145	266	137116	20.102	ng/ul	99
72) Phenanthrene	17.539	178	1128241	21.986	ng/ul	100
74) Anthracene	17.634	178	1116149	21.436	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	257434	19.506	ng/uL	100
76) Pentachlorobenzene	15.057	250	274413	19.859	ng/uL	99
77) Carbazole	17.898	167	1045889	22.308	ng/ul	100
78) Di-n-butylphthalate	18.428	149	1418659	23.849	ng/ul	99
80) Fluoranthene	19.492	202	1436169	22.766	ng/ul	99
82) Pyrene	19.845	202	1486864	22.782	ng/ul	100
83) Butylbenzylphthalate	20.698	149	697602	24.183	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	474733	20.766	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1491759	22.053	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1869840	43.854	ng/ul	100
87) Chrysene	21.622	228	1408598	22.030	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1966337	29.452	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1469593	22.411	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1465649	23.122	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1227886	21.478	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	1418612	19.174	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	1182442	19.616	ng/ul	99
96) Benzo(g,h,i)perylene	27.662	276	1067304	17.504	ng/ul	99

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

