

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015432.D
 Acq On : 08 Jun 2023 12:41
 Operator : MA/JU
 Sample : 02951-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW999MSD

Quant Time: Jun 09 01:16:23 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	129493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	607321	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.740	164	408927	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	952902	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	938893	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	1028944	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	12116	3.465	ng/uL	0.00
4) Pyridine-d5	3.858	84	56482	6.218	ng/u1	0.00
7) Phenol-d5	7.252	99	251188	21.056	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	159539	22.392	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	197668	22.853	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	216156	22.077	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	110243	23.121	ng/u1	0.00
24) 2-Nitrophenol-d4	10.005	143	127671	23.447	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	233843	23.543	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	279735	19.620	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	841171	26.086	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	885227	25.106	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	139406	24.141	ng/u1	0.00
60) Fluorene-d10	15.734	176	686303	25.239	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	149305	24.733	ng/u1	0.00
73) Anthracene-d10	17.598	188	1128055	26.019	ng/u1	0.00
81) Pyrene-d10	19.822	212	1281002	25.492	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.963	264	1031070	19.971	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	29953	8.109	ng/uL	88
5) Pyridine	3.881	79	48538	5.154	ng/u1	92
6) Benzaldehyde	7.228	77	164303	36.032	ng/u1	98
8) Phenol	7.275	94	293742	23.867	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.511	93	225489	23.172	ng/u1	98
12) 2-Chlorophenol	7.658	128	214319	23.452	ng/u1	99
13) 2-Methylphenol	8.546	108	208149	21.981	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.634	45	310600	24.087	ng/u1	98
16) Acetophenone	8.934	105	464485	29.727	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	209567	24.850	ng/u1	100
18) 4-Methylphenol	8.875	108	244481	23.465	ng/u1	100
19) Hexachloroethane	9.187	117	76636	19.845	ng/u1	95
22) Nitrobenzene	9.316	77	302236	23.902	ng/u1	99
23) Isophorone	9.846	82	614110	24.261	ng/u1	99
25) 2-Nitrophenol	10.034	139	142178	24.184	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	156451	12.549	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.328	93	353930	24.050	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	248756	25.188	ng/u1	99
30) Naphthalene	10.975	128	774739	23.541	ng/u1	100
32) 4-Chloroaniline	11.093	127	261083	17.698	ng/u1	97
33) Hexachlorobutadiene	11.252	225	160086	24.036	ng/u1	99
34) Caprolactam	11.869	113	91184	24.527	ng/u1	86
35) 4-Chloro-3-methylphenol	12.204	107	301275	25.178	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	555402	24.006	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.793	142	559195	24.006	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.940	216	314020	24.661	ng/ul	100
40) Hexachlorocyclopentadiene	12.910	237	122683	23.504	ng/ul	97
41) 2,4,6-Trichlorophenol	13.181	196	221911	26.184	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	248129	26.867	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	788971	24.949	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	619038	24.950	ng/ul	98
45) 2-Nitroaniline	13.828	65	219609	27.656	ng/ul	97
47) Dimethylphthalate	14.193	163	882285	26.500	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	188514	27.636	ng/ul	94
50) Acenaphthylene	14.463	152	981784	25.143	ng/ul	99
51) 3-Nitroaniline	14.651	138	179110	31.808	ng/ul	98
52) Acenaphthene	14.804	153	686224	25.424	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	98984	24.123	ng/ul	97
55) 4-Nitrophenol	14.957	109	149839	26.901	ng/ul	92
56) Dibenzofuran	15.140	168	987983	25.826	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	280234	27.932	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.363	232	228000	27.342	ng/ul#	98
59) Diethylphthalate	15.551	149	941844	27.602	ng/ul	99
61) Fluorene	15.787	166	815907	26.163	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	413939	26.337	ng/ul	98
63) 4-Nitroaniline	15.816	138	188923	35.371	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	162741	26.433	ng/ul	93
67) N-Nitrosodiphenylamine	15.992	169	726029	26.856	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	274312	26.908	ng/ul	96
69) Hexachlorobenzene	16.798	284	267935	22.281	ng/ul	98
70) Atrazine	16.945	200	209006	19.361	ng/ul	99
71) Pentachlorophenol	17.145	266	181520	26.706	ng/ul	98
72) Phenanthrene	17.539	178	1399485	27.368	ng/ul	99
74) Anthracene	17.634	178	1386220	26.717	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.546	216	320642	24.381	ng/uL	100
76) Pentachlorobenzene	15.057	250	324667	23.579	ng/uL	97
77) Carbazole	17.898	167	1199695	25.679	ng/ul	100
78) Di-n-butylphthalate	18.428	149	1782116	30.065	ng/ul	99
80) Fluoranthene	19.492	202	1769253	28.904	ng/ul	100
82) Pyrene	19.845	202	1541489	24.342	ng/ul	100
83) Butylbenzylphthalate	20.704	149	873874	31.221	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.486	252	518799	23.389	ng/ul	98
85) Benzo(a)anthracene	21.563	228	1845698	28.120	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	1320360	31.915	ng/ul	100
87) Chrysene	21.622	228	1734559	27.959	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	2293127	33.909	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1866005	28.095	ng/ul	100
91) Benzo(k)fluoranthene	23.398	252	1855208	28.896	ng/ul	100
93) Benzo(a)pyrene	24.021	252	993398	17.155	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1485177	19.818	ng/ul	97
95) Dibenzo(a,h)anthracene	26.851	278	1587566	26.002	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	388338	6.288	ng/ul	98

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

