

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016133.D
 Acq On : 09 Jul 2023 15:06
 Operator : MA/JU
 Sample : 03356-11MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW38MSD

Quant Time: Jul 09 22:42:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	344790	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.828	136	1494530	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.657	164	916366	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.428	188	1857250	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1312933	20.000	ng/u1	-0.01
88) Perylene-d12	24.074	264	1277089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	40897	4.268	ng/uL	0.00
4) Pyridine-d5	3.793	84	533174	22.071	ng/u1	-0.01
7) Phenol-d5	7.193	99	814091	27.596	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	533800	29.247	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.540	132	605401	27.186	ng/u1	-0.02
15) 4-Methylphenol-d8	8.746	113	640668	27.490	ng/u1	-0.02
21) Nitrobenzene-d5	9.199	128	305068	26.709	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.928	143	343473	25.766	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.481	165	613009	25.805	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	776966	25.461	ng/u1	-0.02
46) Dimethylphthalate-d6	14.075	166	1801107	25.429	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	2091067	26.263	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.945	143	130797	13.994	ng/u1	-0.02
60) Fluorene-d10	15.657	176	1497346	25.675	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.834	200	233744	20.464	ng/u1	-0.02
73) Anthracene-d10	17.528	188	2188866	25.801	ng/u1	-0.02
81) Pyrene-d10	19.763	212	2301330	26.843	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.898	264	1695622	26.320	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	98936	9.593	ng/uL	98
5) Pyridine	3.811	79	626883	24.806	ng/u1	97
6) Benzaldehyde	7.163	77	472113	39.583	ng/u1	97
8) Phenol	7.222	94	871208	28.458	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.434	93	709211	29.117	ng/u1	99
12) 2-Chlorophenol	7.575	128	644756	27.252	ng/u1	98
13) 2-Methylphenol	8.475	108	655401	28.355	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1088105	32.707	ng/u1	99
16) Acetophenone	8.857	105	1067304	27.860	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.834	70	602651	28.323	ng/u1	99
18) 4-Methylphenol	8.816	108	715141	28.796	ng/u1	100
19) Hexachloroethane	9.075	117	285585	26.136	ng/u1	88
22) Nitrobenzene	9.240	77	875022	27.281	ng/u1	99
23) Isophorone	9.769	82	1680587	27.380	ng/u1	99
25) 2-Nitrophenol	9.963	139	383478	27.106	ng/u1	92
26) 2,4-Dimethylphenol	10.016	107	800320	25.733	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.240	93	1008232	29.098	ng/u1	98
29) 2,4-Dichlorophenol	10.510	162	622316	26.350	ng/u1	98
30) Naphthalene	10.881	128	2147112	26.427	ng/u1	99
32) 4-Chloroaniline	11.028	127	724736	22.859	ng/u1	98
33) Hexachlorobutadiene	11.140	225	402961	22.594	ng/u1	99
34) Caprolactam	11.846	113	205522	28.450	ng/u1	91
35) 4-Chloro-3-methylphenol	12.163	107	726901	26.295	ng/u1	98
36) 2-Methylnaphthalene	12.493	142	1405621	26.281	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1418697	26.002	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	752782	24.929	ng/ul	98
40) Hexachlorocyclopentadiene	12.810	237	224442	24.844	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	486873	25.512	ng/ul	99
42) 2,4,5-Trichlorophenol	13.210	196	514107	25.398	ng/ul	98
43) 1,1'-Biphenyl	13.493	154	1891837	26.065	ng/ul	97
44) 2-Chloronaphthalene	13.545	162	1489309	26.047	ng/ul	98
45) 2-Nitroaniline	13.787	65	509476	28.318	ng/ul	94
47) Dimethylphthalate	14.122	163	1870337	25.516	ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	394715	26.547	ng/ul	98
50) Acenaphthylene	14.387	152	2298271	26.197	ng/ul	99
51) 3-Nitroaniline	14.622	138	360664	30.932	ng/ul	91
52) Acenaphthene	14.728	153	1586013	26.070	ng/ul	97
53) 2,4-Dinitrophenol	14.869	184	177995	22.564	ng/ul	88
55) 4-Nitrophenol	14.981	109	268643	27.736	ng/ul#	45
56) Dibenzofuran	15.069	168	2147594	25.430	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	531765	26.244	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.310	232	421067	24.218	ng/ul	99
59) Diethylphthalate	15.475	149	1907217	25.712	ng/ul	99
61) Fluorene	15.716	166	1747481	25.511	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	854360	24.375	ng/ul	98
63) 4-Nitroaniline	15.804	138	306676	38.430	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.851	198	287459	24.874	ng/ul	98
67) N-Nitrosodiphenylamine	15.928	169	1476727	26.560	ng/ul	98
68) 4-Bromophenyl-phenylether	16.598	248	526354	24.818	ng/ul	92
69) Hexachlorobenzene	16.728	284	604469	24.155	ng/ul	98
70) Atrazine	16.886	200	400935	18.838	ng/ul	98
71) Pentachlorophenol	17.098	266	263242	21.917	ng/ul	96
72) Phenanthrene	17.469	178	2612574	25.894	ng/ul	100
74) Anthracene	17.569	178	2616789	25.811	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.463	216	775625	25.665	ng/ul	99
76) Pentachlorobenzene	14.987	250	1679243	55.055	ng/ul	99
77) Carbazole	17.857	167	2296285	26.873	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3223807	28.458	ng/ul	99
80) Fluoranthene	19.439	202	2829393	26.555	ng/ul#	95
82) Pyrene	19.792	202	2884395	26.539	ng/ul#	89
83) Butylbenzylphthalate	20.639	149	1290256	29.098	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.445	252	719401	24.239	ng/ul	98
85) Benzo(a)anthracene	21.510	228	2320546	25.125	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	1770115	29.048	ng/ul	99
87) Chrysene	21.569	228	2355700	26.884	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2671397	28.623	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	2120805	25.845	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	2076181	25.042	ng/ul#	98
93) Benzo(a)pyrene	23.957	252	1868099	26.054	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.751	276	2347395	24.116	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.751	278	1923005	24.052	ng/ul#	95
96) Benzo(g,h,i)perylene	27.598	276	1923495	24.021	ng/ul#	96

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

