

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060923\
 Data File : BP015464.D
 Acq On : 09 Jun 2023 23:03
 Operator : MA/JU
 Sample : 03097-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEN4MSD

Quant Time: Jun 09 23:40:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	148309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	690719	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	461659	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1061588	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1018077	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	1122835	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	8185	2.044	ng/uL	0.00
4) Pyridine-d5	3.852	84	117799	11.323	ng/u1	0.00
7) Phenol-d5	7.246	99	92883	6.798	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	265980	32.596	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	253241	25.564	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	190916	17.025	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	184591	34.040	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	203967	32.936	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	353230	31.268	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	452514	27.907	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	1395103	38.322	ng/u1	0.00
49) Acenaphthylene-d8	14.433	160	1445912	36.323	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	50777	7.789	ng/u1	0.00
60) Fluorene-d10	15.727	176	1135451	36.987	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	254287	37.811	ng/u1	0.00
73) Anthracene-d10	17.592	188	1864419	38.600	ng/u1	0.00
81) Pyrene-d10	19.816	212	2291985	42.063	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	2311183	41.023	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	20840	4.926	ng/uL	90
5) Pyridine	3.875	79	148980	13.813	ng/u1	98
6) Benzaldehyde	7.228	77	245377	46.985	ng/u1	99
8) Phenol	7.275	94	119993	8.513	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.510	93	389789	34.975	ng/u1	97
12) 2-Chlorophenol	7.651	128	290921	27.796	ng/u1	98
13) 2-Methylphenol	8.540	108	240180	22.146	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.622	45	520408	35.237	ng/u1	99
16) Acetophenone	8.928	105	663271	37.063	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	364185	37.705	ng/u1	99
18) 4-Methylphenol	8.875	108	234873	19.683	ng/u1	98
19) Hexachloroethane	9.181	117	122186	27.626	ng/u1	99
22) Nitrobenzene	9.316	77	524368	36.462	ng/u1	99
23) Isophorone	9.845	82	1076779	37.403	ng/u1	99
25) 2-Nitrophenol	10.034	139	238454	35.663	ng/u1	98
26) 2,4-Dimethylphenol	10.087	107	378449	26.690	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.322	93	615803	36.793	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	389291	34.659	ng/u1	98
30) Naphthalene	10.975	128	1268946	33.903	ng/u1	100
32) 4-Chloroaniline	11.087	127	412507	24.586	ng/u1	99
33) Hexachlorobutadiene	11.251	225	238690	31.511	ng/u1	97
34) Caprolactam	11.881	113	23695	5.604	ng/u1	92
35) 4-Chloro-3-methylphenol	12.198	107	451720	33.193	ng/u1	98
36) 2-Methylnaphthalene	12.575	142	955395	36.309	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	959127	36.203	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.939	216	551715	38.378	ng/ul	100
40) Hexachlorocyclopentadiene	12.910	237	216602	36.758	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	377069	39.409	ng/ul	98
42) 2,4,5-Trichlorophenol	13.245	196	412770	39.589	ng/ul	98
43) 1,1'-Biphenyl	13.575	154	1359376	38.076	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	1064405	38.000	ng/ul	98
45) 2-Nitroaniline	13.828	65	403203	44.976	ng/ul	97
47) Dimethylphthalate	14.192	163	1544701	41.096	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	338509	43.957	ng/ul	99
50) Acenaphthylene	14.463	152	1708782	38.763	ng/ul	99
51) 3-Nitroaniline	14.651	138	300465	47.264	ng/ul	96
52) Acenaphthene	14.804	153	1198390	39.328	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	181055	39.084	ng/ul	99
55) 4-Nitrophenol	14.957	109	56597	9.000	ng/ul	96
56) Dibenzofuran	15.139	168	1717350	39.764	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	488231	43.106	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	384860	40.881	ng/ul	99
59) Diethylphthalate	15.551	149	1639796	42.567	ng/ul	100
61) Fluorene	15.786	166	1415699	40.211	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	715973	40.350	ng/ul	98
63) 4-Nitroaniline	15.816	138	321066	53.245	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.875	198	286399	41.755	ng/ul	95
67) N-Nitrosodiphenylamine	15.992	169	1228240	40.782	ng/ul	100
68) 4-Bromophenyl-phenylether	16.674	248	483633	42.584	ng/ul	99
69) Hexachlorobenzene	16.792	284	573281	42.792	ng/ul	94
70) Atrazine	16.945	200	242053	20.126	ng/ul	100
71) Pentachlorophenol	17.139	266	327464	43.246	ng/ul	99
72) Phenanthrene	17.539	178	2422710	42.527	ng/ul	100
74) Anthracene	17.633	178	2415972	41.797	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.539	216	580005	39.587	ng/ul	98
76) Pentachlorobenzene	15.057	250	606166	39.515	ng/ul	99
77) Carbazole	17.898	167	2233328	42.910	ng/ul	99
78) Di-n-butylphthalate	18.427	149	3001451	45.452	ng/ul	100
80) Fluoranthene	19.492	202	3032630	45.691	ng/ul	99
82) Pyrene	19.845	202	3080153	44.856	ng/ul	99
83) Butylbenzylphthalate	20.698	149	1479451	48.746	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	881286	36.641	ng/ul	99
85) Benzo(a)anthracene	21.562	228	3118500	43.817	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	2210434	49.273	ng/ul	99
87) Chrysene	21.615	228	2917624	43.370	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	3804730	51.558	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3278422	45.233	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	3069987	43.818	ng/ul	100
93) Benzo(a)pyrene	24.021	252	2737802	43.326	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.833	276	3309077	40.463	ng/ul	99
95) Dibenzo(a,h)anthracene	26.845	278	2745069	41.201	ng/ul	100
96) Benzo(g,h,i)perylene	27.662	276	2644680	39.241	ng/ul	98

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

