

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
 Data File : BP013507.D
 Acq On : 17 Jan 2023 22:31
 Operator : CG/JU
 Sample : 01168-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH1Z5

Quant Time: Jan 18 01:18:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 18 01:06:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	486352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	1997396	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	1251641	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	2656553	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	2512436	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	3034481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	53814	4.301	ng/uL	0.00
4) Pyridine-d5	3.722	84	315972	9.054	ng/u1	0.00
7) Phenol-d5	7.063	99	251517	6.232	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	639413	25.114	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	629558	20.918	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	404755	13.164	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	400736	28.177	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	419156	26.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	737872	23.782	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	964315	22.062	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	2579783	28.290	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	2844171	28.177	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	111468	6.678	ng/u1	0.00
60) Fluorene-d10	15.545	176	2221983	27.586	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	56068	3.329	ng/u1	0.00
73) Anthracene-d10	17.404	188	3744822	31.892	ng/u1	0.00
81) Pyrene-d10	19.639	212	4396255	32.161	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	4707994	31.586	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Pyridine	3.752	79	60741	1.721	ng/u1#	76
6) Benzaldehyde	7.034	77	42249	2.745	ng/u1	96
8) Phenol	7.087	94	74604	1.787	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	62536	1.894	ng/u1	98
12) 2-Chlorophenol	7.463	128	60666	1.935	ng/u1	95
13) 2-Methylphenol	8.346	108	52996	1.767	ng/u1	90
14) 2,2'-oxybis(1-Chloropr...	8.434	45	95113	1.867	ng/u1#	96
16) Acetophenone	8.728	105	105589	2.176	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.710	70	46004	1.983	ng/u1	96
18) 4-Methylphenol	8.675	108	59613	1.809	ng/u1	90
19) Hexachloroethane	8.981	117	24365	1.929	ng/u1	95
22) Nitrobenzene	9.110	77	69215	1.865	ng/u1	98
23) Isophorone	9.634	82	126465	1.947	ng/u1	99
25) 2-Nitrophenol	9.822	139	33539	1.981	ng/u1	95
26) 2,4-Dimethylphenol	9.881	107	64094	1.815	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	80610	1.878	ng/u1	95
30) Naphthalene	10.757	128	197383	1.858	ng/u1	99
32) 4-Chloroaniline	10.875	127	74309	1.691	ng/u1	94
33) Hexachlorobutadiene	11.040	225	43127	1.935	ng/u1	99
34) Caprolactam	11.675	113	14794	1.602	ng/u1	96
35) 4-Chloro-3-methylphenol	11.998	107	91165	3.043	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	127868	1.882	ng/u1	98
37) 1-Methylnaphthalene	12.587	142	129998	1.844	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	78423	1.828	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	12.710	237	28885	1.119	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	46681	1.849	ng/ul	96
42) 2,4,5-Trichlorophenol	13.051	196	48377	1.761	ng/ul	98
43) 1,1'-Biphenyl	13.381	154	173032	1.821	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	137941	1.799	ng/ul	98
45) 2-Nitroaniline	13.634	65	30319	1.634	ng/ul	98
47) Dimethylphthalate	13.998	163	167771	1.841	ng/ul	98
48) 2,6-Dinitrotoluene	14.128	165	25128	1.593	ng/ul	99
50) Acenaphthylene	14.269	152	209725	1.885	ng/ul	98
51) 3-Nitroaniline	14.463	138	21166	1.267	ng/ul	94
52) Acenaphthene	14.610	153	157059	1.973	ng/ul	96
55) 4-Nitrophenol	14.769	109	16400	1.293	ng/ul	95
56) Dibenzofuran	14.945	168	208124	1.820	ng/ul	100
57) 2,4-Dinitrotoluene	14.922	165	35600	1.518	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.175	232	40902	1.707	ng/ul	95
59) Diethylphthalate	15.363	149	157519	1.847	ng/ul	100
61) Fluorene	15.598	166	162429	1.779	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	87346	1.832	ng/ul	97
63) 4-Nitroaniline	15.622	138	16336	1.057	ng/ul	92
67) N-Nitrosodiphenylamine	15.804	169	128363	1.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	51227	1.862	ng/ul	99
69) Hexachlorobenzene	16.604	284	61675	1.859	ng/ul	97
70) Atrazine	16.763	200	47477	1.729	ng/ul	95
71) Pentachlorophenol	16.957	266	25527	1.293	ng/ul	98
72) Phenanthrene	17.345	178	255750	1.811	ng/ul	98
74) Anthracene	17.439	178	252537	1.810	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	77326	1.927	ng/uL	98
76) Pentachlorobenzene	14.863	250	77175	1.976	ng/uL	96
77) Carbazole	17.716	167	205329	1.699	ng/ul	98
78) Di-n-butylphthalate	18.257	149	293884	2.480	ng/ul	99
80) Fluoranthene	19.316	202	294289	1.881	ng/ul	97
82) Pyrene	19.669	202	320390	1.933	ng/ul	98
83) Butylbenzylphthalate	20.533	149	110444	2.196	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.310	252	79645	1.720	ng/ul#	96
85) Benzo(a)anthracene	21.380	228	313131	1.882	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	226496	3.232	ng/ul	100
87) Chrysene	21.433	228	294661	1.817	ng/ul	100
89) Di-n-octyl phthalate	22.233	149	287932	2.214	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	326898	1.703	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	326898	1.785	ng/ul	98
93) Benzo(a)pyrene	23.745	252	301332	1.788	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	415908	1.781	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	339905	1.745	ng/ul	99
96) Benzo(g,h,i)perylene	27.198	276	346855	1.806	ng/ul	98

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

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