

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018325.D
 Acq On : 24 Nov 2023 13:32
 Operator : MA/JU
 Sample : 05261-03DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKV4DL

Quant Time: Nov 25 00:38:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 22 14:09:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	408357	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.669	136	1631956	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.504	164	900654	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1538872	20.000	ng/u1	-0.01
79) Chrysene-d12	21.363	240	1250107	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	1641264	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	8613	0.790	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.022	99	204974	5.492	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	123736	5.545	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.387	132	170525	5.442	ng/u1	-0.02
15) 4-Methylphenol-d8	8.569	113	144509	4.798	ng/u1	-0.02
21) Nitrobenzene-d5	9.022	128	78676	5.935	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.746	143	67733	5.533	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.281	165	185963	6.296	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.799	131	137848	3.461	ng/u1	-0.02
46) Dimethylphthalate-d6	13.922	166	534091	6.664	ng/u1	-0.01
49) Acenaphthylene-d8	14.198	160	608432	6.663	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	62274	5.629	ng/u1	0.00
60) Fluorene-d10	15.498	176	457343	6.823	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	30828	4.706	ng/u1	-0.01
73) Anthracene-d10	17.351	188	609172	7.406	ng/u1	-0.01
81) Pyrene-d10	19.592	212	673830	6.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	760924	7.997	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	96	0.008	ng/uL#	4
5) Pyridine	3.705	79	169	0.006	ng/u1#	1
6) Benzaldehyde	7.005	77	1701	0.086	ng/u1#	55
8) Phenol	7.046	94	1286803	35.151	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.287	93	333946	10.951	ng/u1	100
12) 2-Chlorophenol	7.422	128	676355	21.516	ng/u1	98
13) 2-Methylphenol	8.316	108	167	0.006	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.393	45	37	0.001	ng/u1#	1
16) Acetophenone	8.687	105	1476	0.032	ng/u1#	10
17) N-Nitroso-di-n-propyla...	8.675	70	677646	26.322	ng/u1	95
18) 4-Methylphenol	8.516	108	54	0.002	ng/u1	82
19) Hexachloroethane	8.946	117	380478	28.982	ng/u1	98
22) Nitrobenzene	9.063	77	335065	10.790	ng/u1	98
23) Isophorone	9.611	82	112	0.002	ng/u1#	52
25) 2-Nitrophenol	9.775	139	201209	14.608	ng/u1	97
26) 2,4-Dimethylphenol	9.852	107	150	0.005	ng/u1#	65
27) Bis(2-Chloroethoxy)met...	10.087	93	724073	17.322	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	427054	15.095	ng/u1	98
30) Naphthalene	10.716	128	3866544	39.173	ng/u1	100
33) Hexachlorobutadiene	11.005	225	8	0.000	ng/u1#	1
34) Caprolactam	11.581	113	194	0.024	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.946	107	702005	23.208	ng/u1	98
36) 2-Methylnaphthalene	12.452	142	160	0.002	ng/u1	86
37) 1-Methylnaphthalene	12.552	142	381	0.005	ng/u1#	46

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.693	216	379	0.012	ng/ul#	75
40) Hexachlorocyclopentadiene	12.693	237	14	0.001	ng/ul#	81
41) 2,4,6-Trichlorophenol	12.934	196	364117	19.061	ng/ul	99
42) 2,4,5-Trichlorophenol	12.999	196	839906	40.660	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	543	0.007	ng/ul#	82
44) 2-Chloronaphthalene	13.381	162	1184800	19.076	ng/ul	98
45) 2-Nitroaniline	13.587	65	117	0.009	ng/ul#	24
47) Dimethylphthalate	13.981	163	194	0.002	ng/ul#	91
48) 2,6-Dinitrotoluene	14.081	165	769090	58.176	ng/ul	93
50) Acenaphthylene	14.228	152	4231963	41.577	ng/ul	99
51) 3-Nitroaniline	14.404	138	67	0.005	ng/ul#	1
52) Acenaphthene	14.569	153	2016562	30.327	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	6	0.001	ng/ul#	1
55) 4-Nitrophenol	14.704	109	306563	37.402	ng/ul	99
56) Dibenzofuran	14.904	168	8228	0.091	ng/ul	97
57) 2,4-Dinitrotoluene	14.863	165	544711	30.490	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	7946	0.490	ng/ul#	95
59) Diethylphthalate	15.334	149	3390596	43.045	ng/ul	99
61) Fluorene	15.551	166	857369	11.565	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	1348139	35.813	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.628	198	124	0.017	ng/ul#	1
67) N-Nitrosodiphenylamine	15.751	169	287	0.005	ng/ul#	70
68) 4-Bromophenyl-phenylether	16.440	248	332	0.017	ng/ul#	78
69) Hexachlorobenzene	16.557	284	1464409	67.420	ng/ul	94
70) Atrazine	16.551	200	248	0.016	ng/ul#	1
71) Pentachlorophenol	16.898	266	604511	54.165	ng/ul	100
72) Phenanthrene	17.298	178	1457690	15.573	ng/ul	99
74) Anthracene	17.387	178	1940465	20.538	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	157	0.006	ng/ul#	86
76) Pentachlorobenzene	14.816	250	15764	0.614	ng/uL	96
77) Carbazole	17.657	167	10721	0.140	ng/ul	100
78) Di-n-butylphthalate	18.228	149	4371677	41.060	ng/ul	100
80) Fluoranthene	19.269	202	4466901	37.582	ng/ul	100
82) Pyrene	19.622	202	2176490	18.185	ng/ul	98
83) Butylbenzylphthalate	20.657	149	1688	0.038	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.286	252	43	0.001	ng/ul#	57
85) Benzo(a)anthracene	21.345	228	3213595	31.543	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	3334227	50.174	ng/ul	100
87) Chrysene	21.404	228	4101473	44.240	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	987	0.008	ng/ul	100
91) Benzo(k)fluoranthene	23.104	252	5052103	42.570	ng/ul	100
93) Benzo(a)pyrene	23.680	252	3654	0.033	ng/ul#	42
95) Dibenzo(a,h)anthracene	26.404	278	3455852	33.300	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	1824	0.018	ng/ul#	46

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

