

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018391.D
 Acq On : 26 Nov 2023 05:27
 Operator : MA/JU
 Sample : 05261-19MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKT5MSD

Quant Time: Nov 27 00:08:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	495072	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2017457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1195753	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	2275020	20.000	ng/u1	0.00
79) Chrysene-d12	21.356	240	1506706	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	1868651	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	39587	2.995	ng/uL	0.00
4) Pyridine-d5	3.693	84	36241	0.998	ng/u1	0.00
7) Phenol-d5	7.028	99	783093	17.308	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	447093	16.525	ng/u1	0.00
11) 2-Chlorophenol-d4	7.392	132	668237	17.591	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	558228	15.288	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	314114	19.169	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	314435	20.777	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	691896	18.950	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	434342	8.820	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1919293	18.039	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2169710	17.897	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	243421	16.572	ng/u1	0.00
60) Fluorene-d10	15.486	176	1600634	17.986	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	210130	21.697	ng/u1	0.00
73) Anthracene-d10	17.345	188	2248156	18.488	ng/u1	0.00
81) Pyrene-d10	19.586	212	2275557	18.976	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	2089096	19.283	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	86788	6.123	ng/uL#	91
5) Pyridine	3.716	79	54003	1.475	ng/u1	92
6) Benzaldehyde	7.004	77	449054	18.755	ng/u1	94
8) Phenol	7.057	94	894663	20.158	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.292	93	707219	19.130	ng/u1	96
12) 2-Chlorophenol	7.428	128	710608	18.646	ng/u1	96
13) 2-Methylphenol	8.310	108	576669	16.682	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	835917	15.907	ng/u1	96
16) Acetophenone	8.692	105	1396715	24.999	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.681	70	476840	15.278	ng/u1	94
18) 4-Methylphenol	8.639	108	640018	17.337	ng/u1	99
19) Hexachloroethane	8.945	117	292385	18.371	ng/u1	92
22) Nitrobenzene	9.069	77	704809	18.359	ng/u1	94
23) Isophorone	9.592	82	1436483	16.788	ng/u1#	97
25) 2-Nitrophenol	9.775	139	372821	21.896	ng/u1	94
26) 2,4-Dimethylphenol	9.839	107	246533	6.449	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.086	93	924333	17.887	ng/u1	98
29) 2,4-Dichlorophenol	10.310	162	707498	20.230	ng/u1	98
30) Naphthalene	10.716	128	2313104	18.957	ng/u1	99
32) 4-Chloroaniline	10.828	127	488965	10.523	ng/u1	99
33) Hexachlorobutadiene	11.004	225	514408	21.566	ng/u1	99
34) Caprolactam	11.598	113	204940	20.335	ng/u1	87
35) 4-Chloro-3-methylphenol	11.951	107	648277	17.337	ng/u1	94
36) 2-Methylnaphthalene	12.322	142	1600481	18.533	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	1568709	18.047	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.686	216	935461	22.151	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	442424	18.497	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	566471	22.335	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	604238	22.032	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	2097635	20.134	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	1676619	20.333	ng/ul	98
45) 2-Nitroaniline	13.580	65	352163	19.848	ng/ul	88
47) Dimethylphthalate	13.963	163	2046205	19.655	ng/ul	100
48) 2,6-Dinitrotoluene	14.074	165	386384	22.014	ng/ul	90
50) Acenaphthylene	14.216	152	2585892	19.135	ng/ul	99
51) 3-Nitroaniline	14.404	138	311728	17.875	ng/ul#	91
52) Acenaphthene	14.563	153	1689916	19.143	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	135352	22.104	ng/ul	96
55) 4-Nitrophenol	14.704	109	199098	18.296	ng/ul	95
56) Dibenzofuran	14.898	168	2345968	19.438	ng/ul	98
57) 2,4-Dinitrotoluene	14.857	165	530912	22.384	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.116	232	492815	22.881	ng/ul	97
59) Diethylphthalate	15.327	149	2030299	19.414	ng/ul	99
61) Fluorene	15.545	166	1875130	19.052	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1007722	20.163	ng/ul	96
63) 4-Nitroaniline	15.563	138	270568	16.440	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.616	198	253445	23.596	ng/ul#	99
67) N-Nitrosodiphenylamine	15.757	169	1604340	20.796	ng/ul	99
68) 4-Bromophenyl-phenylether	16.439	248	627884	21.860	ng/ul	95
69) Hexachlorobenzene	16.545	284	741736	23.099	ng/ul	92
70) Atrazine	16.716	200	525849	22.327	ng/ul	98
71) Pentachlorophenol	16.892	266	358769	21.744	ng/ul	99
72) Phenanthrene	17.286	178	2845518	20.563	ng/ul	99
74) Anthracene	17.380	178	2769046	19.824	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	930206	23.787	ng/uL	98
76) Pentachlorobenzene	14.810	250	882317	23.228	ng/uL	99
77) Carbazole	17.651	167	2318155	20.485	ng/ul	99
78) Di-n-butylphthalate	18.215	149	3252358	20.663	ng/ul	100
80) Fluoranthene	19.262	202	2946950	20.571	ng/ul	96
82) Pyrene	19.615	202	2912426	20.190	ng/ul	97
83) Butylbenzylphthalate	20.509	149	1084293	20.311	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.286	252	473502	12.993	ng/ul	98
85) Benzo(a)anthracene	21.345	228	2563056	20.873	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	1562016	19.502	ng/ul	99
87) Chrysene	21.398	228	2393586	21.421	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2432153	17.679	ng/ul	100
90) Benzo(b)fluoranthene	23.056	252	2746164	20.233	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	2686075	19.879	ng/ul	100
93) Benzo(a)pyrene	23.698	252	2546324	20.400	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.409	276	3362443	23.297	ng/ul	97
95) Dibenzo(a,h)anthracene	26.456	278	2778168	23.512	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	2561078	21.910	ng/ul	98

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

