

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018378.D
 Acq On : 25 Nov 2023 20:58
 Operator : MA/JU
 Sample : 05336-03MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCKB9MS

Quant Time: Nov 27 00:03:20 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	7.864	152	518213	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	1970872	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.499	164	1050050	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1828425	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1712156	20.000	ng/u1	0.00
88) Perylene-d12	23.798	264	2132685	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	45894	3.317	ng/uL	0.00
4) Pyridine-d5	3.687	84	263022	6.918	ng/u1	0.00
7) Phenol-d5	7.028	99	214953	4.539	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	615036	21.717	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	680105	17.104	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	416657	10.902	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	434167	27.122	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	417423	28.235	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	818906	22.959	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	1003696	20.864	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2467806	26.412	ng/u1	0.00
49) Acenaphthylene-d8	14.193	160	2731433	25.656	ng/u1	0.00
54) 4-Nitrophenol-d4	14.693	143	59859	4.641	ng/u1	0.00
60) Fluorene-d10	15.493	176	1987283	25.429	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	251755	32.345	ng/u1	0.00
73) Anthracene-d10	17.345	188	2725355	27.887	ng/u1	0.00
81) Pyrene-d10	19.586	212	3018292	22.150	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	3584034	28.987	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	47474	3.200	ng/uL#	85
5) Pyridine	3.711	79	308279	8.047	ng/u1	93
6) Benzaldehyde	7.005	77	589315	23.514	ng/u1	95
8) Phenol	7.058	94	243499	5.241	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.293	93	920674	23.792	ng/u1	96
12) 2-Chlorophenol	7.428	128	718926	18.022	ng/u1	96
13) 2-Methylphenol	8.311	108	512907	14.175	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1061425	19.297	ng/u1	95
16) Acetophenone	8.693	105	1366680	23.369	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.681	70	646002	19.774	ng/u1	94
18) 4-Methylphenol	8.640	108	467154	12.090	ng/u1	100
19) Hexachloroethane	8.946	117	263184	15.798	ng/u1	94
22) Nitrobenzene	9.069	77	942788	25.139	ng/u1	94
23) Isophorone	9.599	82	1935022	23.149	ng/u1	97
25) 2-Nitrophenol	9.781	139	479573	28.831	ng/u1	94
26) 2,4-Dimethylphenol	9.846	107	795035	21.288	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1220647	24.180	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	830872	24.319	ng/u1	98
30) Naphthalene	10.716	128	2827115	23.717	ng/u1	100
32) 4-Chloroaniline	10.828	127	896675	19.753	ng/u1	99
33) Hexachlorobutadiene	11.005	225	528587	22.684	ng/u1	99
34) Caprolactam	11.605	113	32687	3.320	ng/u1	90
35) 4-Chloro-3-methylphenol	11.946	107	694000	18.998	ng/u1	96
36) 2-Methylnaphthalene	12.328	142	1961037	23.245	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	1982493	23.346	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	1127771	30.410	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	440973	20.994	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	703383	31.582	ng/ul	100
42) 2,4,5-Trichlorophenol	12.999	196	729146	30.276	ng/ul	98
43) 1,1'-Biphenyl	13.340	154	2611749	28.547	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2056397	28.399	ng/ul	98
45) 2-Nitroaniline	13.581	65	451526	28.980	ng/ul	87
47) Dimethylphthalate	13.963	163	2568444	28.095	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	494033	32.053	ng/ul	89
50) Acenaphthylene	14.222	152	3277289	27.617	ng/ul	100
51) 3-Nitroaniline	14.404	138	405525	26.481	ng/ul#	94
52) Acenaphthene	14.563	153	4084279	52.685	ng/ul	100
53) 2,4-Dinitrophenol	14.604	184	148667	27.647	ng/ul	96
55) 4-Nitrophenol	14.704	109	45479	4.759	ng/ul	98
56) Dibenzofuran	14.898	168	2970244	28.026	ng/ul	99
57) 2,4-Dinitrotoluene	14.857	165	626338	30.071	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.122	232	567252	29.992	ng/ul	94
59) Diethylphthalate	15.328	149	2396756	26.099	ng/ul	99
61) Fluorene	15.546	166	2870071	33.207	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.546	204	1211262	27.599	ng/ul	97
63) 4-Nitroaniline	15.563	138	402794	27.870	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.622	198	292224	33.852	ng/ul#	97
67) N-Nitrosodiphenylamine	15.757	169	1907011	30.756	ng/ul	100
68) 4-Bromophenyl-phenylether	16.440	248	746847	32.352	ng/ul	96
69) Hexachlorobenzene	16.545	284	866763	33.585	ng/ul	93
70) Atrazine	16.716	200	559676	29.568	ng/ul	99
71) Pentachlorophenol	16.892	266	448605	33.830	ng/ul	99
72) Phenanthrene	17.292	178	3316742	29.823	ng/ul	99
74) Anthracene	17.381	178	3359418	29.925	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.299	216	1142377	36.349	ng/ul	100
76) Pentachlorobenzene	14.816	250	1105455	36.210	ng/ul	99
77) Carbazole	17.651	167	4402397	48.405	ng/ul	100
78) Di-n-butylphthalate	18.216	149	3489992	27.588	ng/ul	100
80) Fluoranthene	19.263	202	3732844	22.931	ng/ul	97
82) Pyrene	19.616	202	3830820	23.369	ng/ul	97
83) Butylbenzylphthalate	20.510	149	1499107	24.712	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.281	252	1200084	28.980	ng/ul	99
85) Benzo(a)anthracene	21.339	228	4154436	29.773	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	2251476	24.737	ng/ul	98
87) Chrysene	21.392	228	3864103	30.432	ng/ul	100
89) Di-n-octyl phthalate	22.257	149	4048913	25.788	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	4517724	29.164	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	4511125	29.253	ng/ul	99
93) Benzo(a)pyrene	23.692	252	4315648	30.294	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.398	276	5490415	33.331	ng/ul	97
95) Dibenzo(a,h)anthracene	26.439	278	4518239	33.505	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	4473604	33.534	ng/ul	98

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

