

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018798.D
 Acq On : 13 Dec 2023 09:15
 Operator : MA/JU
 Sample : 05673-02MS
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHEH8MS

Quant Time: Dec 13 21:34:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 11 22:02:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	172735	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	670057	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	442645	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1050007	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	1101226	20.000	ng/u1	# 0.00
88) Perylene-d12	23.668	264	1295512	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	19097	3.767	ng/uL	0.00
4) Pyridine-d5	3.687	84	119197	8.779	ng/u1	0.01
7) Phenol-d5	7.011	99	96860	5.588	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	272923	26.564	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	281358	20.801	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	186045	13.262	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	178235	29.887	ng/u1	0.00
24) 2-Nitrophenol-d4	9.716	143	190953	30.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	368012	29.108	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	433933	26.263	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1361536	34.464	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1390507	31.964	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	44427	6.851	ng/u1	0.00
60) Fluorene-d10	15.457	176	1145749	34.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	148455	23.580	ng/u1	0.00
73) Anthracene-d10	17.316	188	1959528	35.498	ng/u1	0.00
81) Pyrene-d10	19.551	212	2493103	29.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	2749201	36.395	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	21654	3.896	ng/uL	97
5) Pyridine	3.705	79	141781	10.341	ng/u1	98
6) Benzaldehyde	6.981	77	257356	28.755	ng/u1	99
8) Phenol	7.034	94	106305	6.253	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	393707	28.200	ng/u1	100
12) 2-Chlorophenol	7.399	128	299193	21.856	ng/u1	98
13) 2-Methylphenol	8.287	108	216336	16.623	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.363	45	464350	26.213	ng/u1	97
16) Acetophenone	8.663	105	597563	28.582	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.652	70	292065	25.394	ng/u1	99
18) 4-Methylphenol	8.616	108	201682	14.192	ng/u1	99
19) Hexachloroethane	8.916	117	143542	25.577	ng/u1	84
22) Nitrobenzene	9.040	77	457854	31.577	ng/u1	99
23) Isophorone	9.569	82	858468	29.038	ng/u1	98
25) 2-Nitrophenol	9.752	139	210834	31.847	ng/u1#	96
26) 2,4-Dimethylphenol	9.816	107	329277	25.432	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.052	93	532297	28.519	ng/u1	100
29) 2,4-Dichlorophenol	10.281	162	368545	30.264	ng/u1	97
30) Naphthalene	10.681	128	1200722	29.539	ng/u1	99
32) 4-Chloroaniline	10.799	127	380257	24.147	ng/u1	100
33) Hexachlorobutadiene	10.969	225	289304	35.472	ng/u1	99
34) Caprolactam	11.581	113	17003	4.553	ng/u1	96
35) 4-Chloro-3-methylphenol	11.922	107	367844	26.964	ng/u1	99
36) 2-Methylnaphthalene	12.293	142	868998	30.177	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	862071	29.643	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.657	216	576861	35.920	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	249847	26.247	ng/ul	98
41) 2,4,6-Trichlorophenol	12.898	196	369318	35.748	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	406003	36.249	ng/ul	99
43) 1,1'-Biphenyl	13.304	154	1223670	31.964	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	991560	32.794	ng/ul	99
45) 2-Nitroaniline	13.557	65	301692	36.806	ng/ul	99
47) Dimethylphthalate	13.934	163	1417365	36.447	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	295063	40.160	ng/ul	97
50) Acenaphthylene	14.193	152	1629744	33.321	ng/ul	100
51) 3-Nitroaniline	14.381	138	252949	34.489	ng/ul	99
52) Acenaphthene	14.534	153	1093172	33.804	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	28481	7.314	ng/ul	97
55) 4-Nitrophenol	14.687	109	45595	9.306	ng/ul	78
56) Dibenzofuran	14.863	168	1591954	35.419	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	436247	42.211	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.092	232	381873	40.647	ng/ul	95
59) Diethylphthalate	15.298	149	1450330	38.112	ng/ul	99
61) Fluorene	15.516	166	1315523	36.990	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	732692	39.281	ng/ul	99
63) 4-Nitroaniline	15.545	138	279075	39.942	ng/ul#	89
66) 4,6-Dinitro-2-methylph...	15.598	198	168480	25.030	ng/ul	91
67) N-Nitrosodiphenylamine	15.728	169	1162072	33.399	ng/ul	100
68) 4-Bromophenyl-phenylether	16.410	248	513552	38.741	ng/ul	95
69) Hexachlorobenzene	16.516	284	618098	41.763	ng/ul	97
70) Atrazine	16.686	200	347918	33.633	ng/ul	98
71) Pentachlorophenol	16.863	266	327695	37.229	ng/ul	99
72) Phenanthrene	17.257	178	2324404	36.653	ng/ul	99
74) Anthracene	17.351	178	2344061	36.876	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	593222	32.674	ng/ul	99
76) Pentachlorobenzene	14.781	250	658719	36.936	ng/ul	99
77) Carbazole	17.622	167	2116502	41.777	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2597820	38.510	ng/ul	100
80) Fluoranthene	19.228	202	3034738	29.950	ng/ul#	93
82) Pyrene	19.580	202	3075465	30.087	ng/ul#	91
83) Butylbenzylphthalate	20.457	149	1234877	32.999	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	1043187	38.982	ng/ul	99
85) Benzo(a)anthracene	21.286	228	3360323	37.594	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1792988	34.859	ng/ul#	100
87) Chrysene	21.339	228	3082439	37.448	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	3177049	33.588	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3485753	36.493	ng/ul#	98
91) Benzo(k)fluoranthene	22.992	252	3432314	37.138	ng/ul#	98
93) Benzo(a)pyrene	23.563	252	3245148	37.181	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	4151913	39.815	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.145	278	3444727	39.710	ng/ul#	96
96) Benzo(g,h,i)perylene	26.880	276	3304846	39.380	ng/ul#	94

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

