

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
 Data File : BP018799.D
 Acq On : 13 Dec 2023 09:49
 Operator : MA/JU
 Sample : 05673-03MSD
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHEH8MSD

Quant Time: Dec 13 21:35:04 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	201325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.634	136	769736	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	495403	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	1171090	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.304	240	1250434	20.000	ng/u1	# 0.00
88) Perylene-d12	23.668	264	1484951	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24518	4.150	ng/uL	0.00
4) Pyridine-d5	3.687	84	133837	8.457	ng/u1	0.01
7) Phenol-d5	7.010	99	108458	5.368	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	305917	25.547	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	317235	20.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.552	113	206789	12.647	ng/u1	0.00
21) Nitrobenzene-d5	8.999	128	202382	29.541	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	216978	30.548	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	413319	28.458	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	486179	25.614	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	1509735	34.145	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1549418	31.824	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	50946	7.020	ng/u1	0.00
60) Fluorene-d10	15.457	176	1261505	33.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	82556	11.757	ng/u1	0.00
73) Anthracene-d10	17.316	188	2131890	34.628	ng/u1	0.00
81) Pyrene-d10	19.551	212	2742464	28.175	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	3108325	35.900	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	25406	3.921	ng/uL	98
5) Pyridine	3.705	79	158512	9.919	ng/u1	98
6) Benzaldehyde	6.981	77	291800	27.974	ng/u1	97
8) Phenol	7.034	94	120956	6.105	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.269	93	438809	26.968	ng/u1	98
12) 2-Chlorophenol	7.399	128	338712	21.229	ng/u1	98
13) 2-Methylphenol	8.287	108	245443	16.181	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	511708	24.784	ng/u1	99
16) Acetophenone	8.663	105	673862	27.654	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.652	70	325898	24.311	ng/u1	99
18) 4-Methylphenol	8.616	108	229418	13.851	ng/u1	100
19) Hexachloroethane	8.910	117	163783	25.039	ng/u1	88
22) Nitrobenzene	9.040	77	516060	30.982	ng/u1	100
23) Isophorone	9.569	82	963560	28.372	ng/u1	98
25) 2-Nitrophenol	9.752	139	239786	31.530	ng/u1	96
26) 2,4-Dimethylphenol	9.816	107	367864	24.733	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.051	93	590623	27.547	ng/u1	99
29) 2,4-Dichlorophenol	10.281	162	415419	29.695	ng/u1	97
30) Naphthalene	10.681	128	1354406	29.005	ng/u1	100
32) 4-Chloroaniline	10.799	127	429397	23.736	ng/u1	100
33) Hexachlorobutadiene	10.963	225	324028	34.585	ng/u1	98
34) Caprolactam	11.587	113	19198	4.475	ng/u1	93
35) 4-Chloro-3-methylphenol	11.922	107	417760	26.657	ng/u1	100
36) 2-Methylnaphthalene	12.293	142	973858	29.439	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.510	142	961112	28.769	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.657	216	645684	35.923	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	289766	27.199	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	413384	35.752	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	451912	36.051	ng/ul	98
43) 1,1'-Biphenyl	13.304	154	1363670	31.828	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	1101543	32.552	ng/ul	99
45) 2-Nitroaniline	13.557	65	334120	36.422	ng/ul	98
47) Dimethylphthalate	13.934	163	1567185	36.008	ng/ul	100
48) 2,6-Dinitrotoluene	14.051	165	332746	40.466	ng/ul	98
50) Acenaphthylene	14.192	152	1803990	32.956	ng/ul	99
51) 3-Nitroaniline	14.381	138	278467	33.924	ng/ul	99
52) Acenaphthene	14.534	153	1204367	33.276	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	17158	3.937	ng/ul	89
55) 4-Nitrophenol	14.687	109	48368	8.821	ng/ul	87
56) Dibenzofuran	14.869	168	1749120	34.772	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	480866	41.573	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	410604	39.050	ng/ul	93
59) Diethylphthalate	15.298	149	1586412	37.249	ng/ul	99
61) Fluorene	15.516	166	1437852	36.124	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	797043	38.181	ng/ul	97
63) 4-Nitroaniline	15.545	138	311162	39.791	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.592	198	92751	12.355	ng/ul	98
67) N-Nitrosodiphenylamine	15.728	169	1272839	32.800	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	563001	38.080	ng/ul	95
69) Hexachlorobenzene	16.516	284	687268	41.635	ng/ul	96
70) Atrazine	16.686	200	382662	33.167	ng/ul	98
71) Pentachlorophenol	16.863	266	298189	30.374	ng/ul	98
72) Phenanthrene	17.257	178	2531345	35.790	ng/ul	100
74) Anthracene	17.351	178	2549140	35.956	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	661932	32.689	ng/ul	99
76) Pentachlorobenzene	14.781	250	730913	36.746	ng/ul	100
77) Carbazole	17.622	167	2320440	41.067	ng/ul	99
78) Di-n-butylphthalate	18.180	149	2816144	37.430	ng/ul	100
80) Fluoranthene	19.227	202	3312734	28.792	ng/ul#	93
82) Pyrene	19.580	202	3364451	28.986	ng/ul#	91
83) Butylbenzylphthalate	20.457	149	1354333	31.872	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	1211214	39.860	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3727664	36.727	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1971868	33.763	ng/ul#	99
87) Chrysene	21.345	228	3446193	36.871	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	3516962	32.438	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	3875203	35.394	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	3943987	37.230	ng/ul#	97
93) Benzo(a)pyrene	23.563	252	3658930	36.574	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.133	276	4686265	39.206	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.145	278	3892460	39.147	ng/ul#	94
96) Benzo(g,h,i)perylene	26.886	276	3779904	39.295	ng/ul#	93

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

