

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121523\
 Data File : BP018879.D
 Acq On : 15 Dec 2023 14:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020729

Quant Time: Dec 15 14:34:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	242126	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	869486	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	480884	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	966697	20.000	ng/u1	-0.01
79) Chrysene-d12	21.298	240	1025651	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1239924	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	58015	8.165	ng/uL	0.00
4) Pyridine-d5	3.675	84	370135	19.448	ng/u1	0.00
7) Phenol-d5	6.999	99	426017	17.533	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	264019	18.333	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	337688	17.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	318531	16.199	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	150239	19.414	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	151324	18.861	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	316607	19.298	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	385748	17.992	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	777648	18.119	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	924764	19.568	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	116824	16.582	ng/u1	0.00
60) Fluorene-d10	15.451	176	693771	19.257	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	93626	16.153	ng/u1	0.00
73) Anthracene-d10	17.304	188	1014180	19.956	ng/u1	0.00
81) Pyrene-d10	19.545	212	1198813	15.015	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	1402154	19.395	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	61152	7.848	ng/uL	100
5) Pyridine	3.693	79	376257	19.577	ng/u1	98
6) Benzaldehyde	6.969	77	198745	15.842	ng/u1	95
8) Phenol	7.028	94	422745	17.741	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.257	93	357059	18.246	ng/u1	99
12) 2-Chlorophenol	7.393	128	344583	17.958	ng/u1	98
13) 2-Methylphenol	8.275	108	307206	16.840	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.357	45	430456	17.336	ng/u1	98
16) Acetophenone	8.657	105	491804	16.782	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.640	70	232732	14.436	ng/u1	100
18) 4-Methylphenol	8.604	108	326662	16.399	ng/u1	100
19) Hexachloroethane	8.904	117	146134	18.576	ng/u1	92
22) Nitrobenzene	9.034	77	369095	19.617	ng/u1	99
23) Isophorone	9.557	82	624135	16.269	ng/u1	100
25) 2-Nitrophenol	9.740	139	164009	19.092	ng/u1	96
26) 2,4-Dimethylphenol	9.804	107	314171	18.699	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.046	93	436239	18.012	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	305236	19.316	ng/u1	97
30) Naphthalene	10.675	128	1036960	19.659	ng/u1	99
32) 4-Chloroaniline	10.787	127	371445	18.177	ng/u1	99
33) Hexachlorobutadiene	10.957	225	235757	22.277	ng/u1	99
34) Caprolactam	11.563	113	60424	12.470	ng/u1	97
35) 4-Chloro-3-methylphenol	11.916	107	279864	15.809	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	676007	18.091	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	668755	17.721	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	405544	23.244	ng/ul	97
40) Hexachlorocyclopentadiene	12.628	237	198395	19.185	ng/ul	100
41) 2,4,6-Trichlorophenol	12.892	196	225092	20.055	ng/ul	100
42) 2,4,5-Trichlorophenol	12.963	196	234518	19.274	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	864471	20.786	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	695524	21.174	ng/ul	99
45) 2-Nitroaniline	13.545	65	151561	17.020	ng/ul	98
47) Dimethylphthalate	13.922	163	776504	18.380	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	137796	17.264	ng/ul	94
50) Acenaphthylene	14.181	152	1060083	19.951	ng/ul	99
51) 3-Nitroaniline	14.369	138	134504	16.881	ng/ul	95
52) Acenaphthene	14.522	153	703007	20.010	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	52738	12.467	ng/ul	98
55) 4-Nitrophenol	14.681	109	91434	17.178	ng/ul	97
56) Dibenzofuran	14.857	168	979189	20.054	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	193101	17.198	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	188611	18.479	ng/ul	93
59) Diethylphthalate	15.286	149	724607	17.527	ng/ul	99
61) Fluorene	15.510	166	766355	19.835	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	412250	20.344	ng/ul	95
63) 4-Nitroaniline	15.534	138	127993	16.862	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.586	198	104830	16.916	ng/ul	95
67) N-Nitrosodiphenylamine	15.722	169	624332	19.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.398	248	246829	20.225	ng/ul	97
69) Hexachlorobenzene	16.510	284	285718	20.969	ng/ul	96
70) Atrazine	16.675	200	132108	13.872	ng/ul	98
71) Pentachlorophenol	16.857	266	154146	19.022	ng/ul	99
72) Phenanthrene	17.251	178	1176654	20.154	ng/ul	99
74) Anthracene	17.339	178	1184259	20.236	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	391293	23.410	ng/uL	98
76) Pentachlorobenzene	14.775	250	358890	21.858	ng/uL	100
77) Carbazole	17.616	167	1013904	21.738	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1113220	17.924	ng/ul	99
80) Fluoranthene	19.222	202	1373865	14.558	ng/ul	97
82) Pyrene	19.574	202	1467131	15.410	ng/ul	95
83) Butylbenzylphthalate	20.451	149	486921	13.970	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	491203	19.708	ng/ul	99
85) Benzo(a)anthracene	21.280	228	1608658	19.323	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	719572	15.021	ng/ul	99
87) Chrysene	21.333	228	1508129	19.672	ng/ul	100
89) Di-n-octyl phthalate	22.121	149	1292027	14.272	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1666540	18.229	ng/ul	100
91) Benzo(k)fluoranthene	22.986	252	1739037	19.660	ng/ul	98
93) Benzo(a)pyrene	23.551	252	1628310	19.493	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.104	276	2047518	20.515	ng/ul	96
95) Dibenzo(a,h)anthracene	26.121	278	1708980	20.584	ng/ul	97
96) Benzo(g,h,i)perylene	26.856	276	1660801	20.677	ng/ul	96

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

