

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018844.D
 Acq On : 14 Dec 2023 15:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020726

Quant Time: Dec 14 21:54:28 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	7.834	152	206322	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	734620	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	421137	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	965643	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1003401	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1342560	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	52255	8.631	ng/uL	0.00
4) Pyridine-d5	3.675	84	344563	21.246	ng/u1	0.00
7) Phenol-d5	7.005	99	390545	18.862	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	229654	18.714	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	316185	19.570	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	289416	17.272	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	134485	20.569	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	140113	20.669	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	294749	21.264	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	360204	19.884	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	756227	20.119	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	881219	21.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	135222	21.917	ng/u1	0.00
60) Fluorene-d10	15.457	176	676026	21.427	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	107084	18.495	ng/u1	0.00
73) Anthracene-d10	17.310	188	1094900	21.568	ng/u1	0.00
81) Pyrene-d10	19.545	212	1411833	18.076	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	1628263	20.800	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	54929	8.273	ng/uL	96
5) Pyridine	3.693	79	345350	21.087	ng/u1	97
6) Benzaldehyde	6.975	77	232527	21.752	ng/u1	94
8) Phenol	7.028	94	388788	19.147	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.264	93	315822	18.939	ng/u1	99
12) 2-Chlorophenol	7.393	128	315696	19.307	ng/u1	97
13) 2-Methylphenol	8.281	108	277573	17.856	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.358	45	353173	16.691	ng/u1	97
16) Acetophenone	8.658	105	439479	17.599	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.646	70	199331	14.510	ng/u1	96
18) 4-Methylphenol	8.611	108	294154	17.329	ng/u1	95
19) Hexachloroethane	8.905	117	133730	19.950	ng/u1	89
22) Nitrobenzene	9.034	77	320041	20.132	ng/u1	97
23) Isophorone	9.563	82	550892	16.996	ng/u1	97
25) 2-Nitrophenol	9.746	139	149827	20.643	ng/u1	99
26) 2,4-Dimethylphenol	9.810	107	280348	19.750	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.046	93	377868	18.466	ng/u1	100
29) 2,4-Dichlorophenol	10.275	162	279700	20.949	ng/u1	97
30) Naphthalene	10.675	128	939856	21.090	ng/u1	99
32) 4-Chloroaniline	10.793	127	347575	20.131	ng/u1	100
33) Hexachlorobutadiene	10.963	225	222696	24.906	ng/u1	99
34) Caprolactam	11.563	113	84441	20.626	ng/u1	86
35) 4-Chloro-3-methylphenol	11.922	107	258410	17.277	ng/u1	98
36) 2-Methylnaphthalene	12.287	142	607798	19.251	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	609889	19.129	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	372117	24.354	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	180000	19.875	ng/ul	97
41) 2,4,6-Trichlorophenol	12.899	196	214497	21.822	ng/ul	98
42) 2,4,5-Trichlorophenol	12.969	196	232472	21.816	ng/ul	99
43) 1,1'-Biphenyl	13.299	154	792615	21.762	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	643583	22.372	ng/ul	97
45) 2-Nitroaniline	13.546	65	142283	18.245	ng/ul	99
47) Dimethylphthalate	13.928	163	745141	20.140	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	136666	19.551	ng/ul	94
50) Acenaphthylene	14.181	152	985423	21.177	ng/ul	100
51) 3-Nitroaniline	14.375	138	141303	20.250	ng/ul	96
52) Acenaphthene	14.522	153	657625	21.374	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	63086	17.028	ng/ul	95
55) 4-Nitrophenol	14.681	109	102966	22.090	ng/ul	96
56) Dibenzofuran	14.857	168	921318	21.545	ng/ul	98
57) 2,4-Dinitrotoluene	14.828	165	202562	20.601	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.087	232	200125	22.389	ng/ul	93
59) Diethylphthalate	15.287	149	710592	19.627	ng/ul	99
61) Fluorene	15.510	166	745879	22.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	399628	22.519	ng/ul	93
63) 4-Nitroaniline	15.534	138	148628	22.358	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	115987	18.737	ng/ul#	90
67) N-Nitrosodiphenylamine	15.722	169	629667	19.678	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	250495	20.548	ng/ul	93
69) Hexachlorobenzene	16.510	284	294670	21.649	ng/ul	97
70) Atrazine	16.675	200	177762	18.686	ng/ul	99
71) Pentachlorophenol	16.857	266	178214	22.016	ng/ul	100
72) Phenanthrene	17.251	178	1245137	21.350	ng/ul	100
74) Anthracene	17.345	178	1269998	21.725	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	364897	21.854	ng/uL	98
76) Pentachlorobenzene	14.781	250	346959	21.154	ng/uL	98
77) Carbazole	17.616	167	1138819	24.443	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1250651	20.159	ng/ul	99
80) Fluoranthene	19.222	202	1594042	17.265	ng/ul	97
82) Pyrene	19.575	202	1687329	18.116	ng/ul	95
83) Butylbenzylphthalate	20.451	149	606399	17.784	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	595105	24.406	ng/ul	100
85) Benzo(a)anthracene	21.280	228	1767596	21.703	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	912610	19.473	ng/ul	100
87) Chrysene	21.333	228	1545427	20.605	ng/ul	100
89) Di-n-octyl phthalate	22.122	149	1455658	14.850	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	2017278	20.379	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	1906908	19.910	ng/ul	98
93) Benzo(a)pyrene	23.551	252	1880745	20.794	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.110	276	2377969	22.005	ng/ul	96
95) Dibenzo(a,h)anthracene	26.127	278	1976712	21.988	ng/ul	98
96) Benzo(g,h,i)perylene	26.857	276	1904641	21.900	ng/ul	96

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

