

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018657.D
 Acq On : 07 Dec 2023 02:32
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020712

Quant Time: Dec 07 03:38:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	424255	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	1731085	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	1007542	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	1826785	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1574305	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	1895429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	85754	6.888	ng/uL	0.00
4) Pyridine-d5	3.681	84	625104	18.745	ng/u1	0.00
7) Phenol-d5	7.016	99	791863	18.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	469452	18.604	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	611914	18.419	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	627978	18.226	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	303923	19.726	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	324889	20.339	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	629912	19.285	ng/u1	0.00
31) 4-Chloroaniline-d4	10.787	131	820881	19.230	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	1687657	18.768	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	1935136	19.543	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	238605	16.165	ng/u1	0.00
60) Fluorene-d10	15.469	176	1362553	18.051	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	192918	17.613	ng/u1	0.00
73) Anthracene-d10	17.328	188	1851789	19.282	ng/u1	0.00
81) Pyrene-d10	19.563	212	1938289	15.817	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.533	264	2071874	18.747	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	94776	6.942	ng/uL	97
5) Pyridine	3.705	79	628494	18.663	ng/u1	95
6) Benzaldehyde	6.993	77	466958	21.243	ng/u1	96
8) Phenol	7.046	94	787681	18.865	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	646417	18.852	ng/u1	100
12) 2-Chlorophenol	7.410	128	607732	18.075	ng/u1	98
13) 2-Methylphenol	8.299	108	593335	18.562	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	788187	18.116	ng/u1	98
16) Acetophenone	8.675	105	964270	18.778	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	477448	16.901	ng/u1	98
18) 4-Methylphenol	8.628	108	643583	18.439	ng/u1	97
19) Hexachloroethane	8.928	117	252661	18.330	ng/u1	94
22) Nitrobenzene	9.052	77	713627	19.050	ng/u1	98
23) Isophorone	9.581	82	1353263	17.718	ng/u1	99
25) 2-Nitrophenol	9.763	139	343378	20.077	ng/u1	97
26) 2,4-Dimethylphenol	9.828	107	617088	18.448	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	877667	18.202	ng/u1	100
29) 2,4-Dichlorophenol	10.293	162	601372	19.115	ng/u1	99
30) Naphthalene	10.699	128	1973518	18.793	ng/u1	100
32) 4-Chloroaniline	10.810	127	798465	19.626	ng/u1	100
33) Hexachlorobutadiene	10.981	225	424502	20.147	ng/u1	98
34) Caprolactam	11.587	113	157717	16.349	ng/u1	95
35) 4-Chloro-3-methylphenol	11.934	107	607605	17.240	ng/u1	100
36) 2-Methylnaphthalene	12.304	142	1340563	18.019	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	1344021	17.889	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.675	216	778988	21.310	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	373153	17.222	ng/ul	100
41) 2,4,6-Trichlorophenol	12.916	196	483176	20.547	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	505634	19.833	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1738295	19.949	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	1374983	19.979	ng/ul	99
45) 2-Nitroaniline	13.563	65	344605	18.470	ng/ul	98
47) Dimethylphthalate	13.945	163	1669382	18.859	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	322237	19.268	ng/ul	93
50) Acenaphthylene	14.204	152	2167830	19.472	ng/ul	100
51) 3-Nitroaniline	14.387	138	312346	18.710	ng/ul	99
52) Acenaphthene	14.545	153	1410873	19.167	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	120460	13.591	ng/ul	99
55) 4-Nitrophenol	14.698	109	183870	16.488	ng/ul	96
56) Dibenzofuran	14.875	168	1901890	18.590	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	418864	17.806	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	388255	18.156	ng/ul	96
59) Diethylphthalate	15.310	149	1540638	17.787	ng/ul	100
61) Fluorene	15.528	166	1480612	18.290	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	797971	18.795	ng/ul	97
63) 4-Nitroaniline	15.551	138	285549	17.955	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	212312	18.130	ng/ul#	90
67) N-Nitrosodiphenylamine	15.739	169	1234805	20.399	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	474846	20.590	ng/ul	95
69) Hexachlorobenzene	16.528	284	523571	20.334	ng/ul	98
70) Atrazine	16.692	200	371909	20.665	ng/ul	98
71) Pentachlorophenol	16.875	266	296494	19.361	ng/ul	99
72) Phenanthrene	17.269	178	2100275	19.036	ng/ul	100
74) Anthracene	17.363	178	2113322	19.109	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	767917	24.311	ng/ul	99
76) Pentachlorobenzene	14.798	250	694691	22.390	ng/ul	99
77) Carbazole	17.633	167	1748153	19.834	ng/ul	99
78) Di-n-butylphthalate	18.192	149	2141724	18.249	ng/ul	100
80) Fluoranthene	19.239	202	2241126	15.471	ng/ul	97
82) Pyrene	19.592	202	2345880	16.053	ng/ul	96
83) Butylbenzylphthalate	20.469	149	836503	15.636	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	763534	19.958	ng/ul	98
85) Benzo(a)anthracene	21.298	228	2394600	18.739	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1188316	16.161	ng/ul	99
87) Chrysene	21.351	228	2217459	18.844	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	2099606	15.172	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	2515117	17.997	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	2391866	17.689	ng/ul	100
93) Benzo(a)pyrene	23.580	252	2366415	18.532	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.157	276	2996442	19.640	ng/ul	98
95) Dibenzo(a,h)anthracene	26.174	278	2478352	19.527	ng/ul	98
96) Benzo(g,h,i)perylene	26.915	276	2328012	18.960	ng/ul	96

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

