

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122623\
 Data File : BP019088.D
 Acq On : 26 Dec 2023 18:20
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

Quant Time: Dec 26 22:19:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 26 22:20:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	150692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	564175	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	341830	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	746299	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	801529	20.000	ng/u1	0.00
88) Perylene-d12	23.639	264	989845	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	34026	7.695	ng/uL	0.00
4) Pyridine-d5	3.664	84	221257	18.680	ng/u1	0.00
7) Phenol-d5	6.987	99	262021	17.327	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	156215	17.429	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	209244	17.732	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	201003	16.424	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	95868	19.092	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	99109	19.038	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	206171	19.368	ng/u1	0.00
31) 4-Chloroaniline-d4	10.752	131	249496	17.934	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	555403	18.205	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	637155	18.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	90988	18.169	ng/u1	0.00
60) Fluorene-d10	15.440	176	490273	19.145	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	82059	18.338	ng/u1	0.00
73) Anthracene-d10	17.298	188	755285	19.251	ng/u1	0.00
81) Pyrene-d10	19.539	212	936949	15.017	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1071889	18.572	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	37334	7.699	ng/uL	98
5) Pyridine	3.681	79	229696	19.203	ng/u1	99
6) Benzaldehyde	6.958	77	192804	24.694	ng/u1	97
8) Phenol	7.016	94	264268	17.820	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.246	93	213314	17.514	ng/u1	99
12) 2-Chlorophenol	7.375	128	213630	17.888	ng/u1	98
13) 2-Methylphenol	8.263	108	191733	16.887	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.340	45	250891	16.235	ng/u1	99
16) Acetophenone	8.640	105	307978	16.886	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.622	70	145703	14.521	ng/u1	99
18) 4-Methylphenol	8.593	108	204677	16.509	ng/u1	99
19) Hexachloroethane	8.881	117	87481	17.868	ng/u1	90
22) Nitrobenzene	9.016	77	230797	18.905	ng/u1	100
23) Isophorone	9.546	82	402872	16.185	ng/u1	98
25) 2-Nitrophenol	9.728	139	107106	19.215	ng/u1	96
26) 2,4-Dimethylphenol	9.793	107	199747	18.323	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	267214	17.004	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	200033	19.509	ng/u1	96
30) Naphthalene	10.657	128	652433	19.063	ng/u1	100
32) 4-Chloroaniline	10.775	127	245623	18.524	ng/u1	100
33) Hexachlorobutadiene	10.934	225	152004	22.135	ng/u1	96
34) Caprolactam	11.557	113	66256	21.074	ng/u1	97
35) 4-Chloro-3-methylphenol	11.904	107	191814	16.699	ng/u1	99
36) 2-Methylnaphthalene	12.269	142	431445	17.794	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	433403	17.700	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.634	216	269796	21.754	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	127888	17.397	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	154759	19.398	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	166468	19.246	ng/ul	97
43) 1,1'-Biphenyl	13.281	154	568957	19.245	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	460725	19.732	ng/ul	99
45) 2-Nitroaniline	13.534	65	107490	16.981	ng/ul	98
47) Dimethylphthalate	13.910	163	549012	18.281	ng/ul	99
48) 2,6-Dinitrotoluene	14.034	165	100511	17.715	ng/ul	99
50) Acenaphthylene	14.169	152	713366	18.887	ng/ul	100
51) 3-Nitroaniline	14.363	138	100909	17.816	ng/ul	99
52) Acenaphthene	14.510	153	478721	19.169	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	75052	24.959	ng/ul	93
55) 4-Nitrophenol	14.675	109	71934	19.013	ng/ul	92
56) Dibenzofuran	14.845	168	678777	19.556	ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	149616	18.746	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	142053	19.579	ng/ul	93
59) Diethylphthalate	15.275	149	513165	17.462	ng/ul	99
61) Fluorene	15.498	166	539201	19.633	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	288620	20.037	ng/ul	94
63) 4-Nitroaniline	15.522	138	102061	18.915	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.581	198	90348	18.885	ng/ul#	94
67) N-Nitrosodiphenylamine	15.710	169	448010	18.116	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	181222	19.234	ng/ul	96
69) Hexachlorobenzene	16.498	284	215659	20.501	ng/ul	95
70) Atrazine	16.669	200	133122	18.106	ng/ul	98
71) Pentachlorophenol	16.851	266	119942	19.172	ng/ul	100
72) Phenanthrene	17.239	178	872682	19.362	ng/ul	99
74) Anthracene	17.328	178	876271	19.395	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.246	216	266444	20.648	ng/uL	99
76) Pentachlorobenzene	14.763	250	256301	20.220	ng/uL	99
77) Carbazole	17.610	167	783719	21.765	ng/ul	99
78) Di-n-butylphthalate	18.163	149	802149	16.730	ng/ul	99
80) Fluoranthene	19.210	202	1061710	14.396	ng/ul	97
82) Pyrene	19.563	202	1121029	15.067	ng/ul	96
83) Butylbenzylphthalate	20.445	149	362487	13.308	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	394615	20.260	ng/ul	96
85) Benzo(a)anthracene	21.275	228	1210303	18.603	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.204	149	520592	13.906	ng/ul	99
87) Chrysene	21.327	228	1143497	19.086	ng/ul	99
89) Di-n-octyl phthalate	22.110	149	935301	12.942	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	1276154	17.486	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	1302281	18.442	ng/ul	98
93) Benzo(a)pyrene	23.539	252	1241997	18.625	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.086	276	1622542	20.364	ng/ul	96
95) Dibenzo(a,h)anthracene	26.104	278	1345218	20.296	ng/ul	96
96) Benzo(g,h,i)perylene	26.833	276	1318000	20.555	ng/ul#	94

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

