

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019143.D
 Acq On : 29 Dec 2023 02:11
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020729

Quant Time: Dec 29 03:47:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 03:48:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	188644	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	706802	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	430335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	973747	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1044322	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	1247773	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	39528	7.156	ng/uL	0.00
4) Pyridine-d5	3.652	84	262392	18.927	ng/u1	0.00
7) Phenol-d5	6.981	99	320061	18.919	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	190763	19.492	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	257976	18.916	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	251812	19.119	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	118750	19.436	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	130788	19.807	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	262395	19.679	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	316945	19.325	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	727534	19.140	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	808548	19.604	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	121902	18.992	ng/u1	0.00
60) Fluorene-d10	15.445	176	623890	18.999	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	118060	18.494	ng/u1	0.00
73) Anthracene-d10	17.304	188	993352	19.534	ng/u1	0.00
81) Pyrene-d10	19.545	212	1222637	19.210	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	1373006	19.143	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	43004	7.081	ng/uL	97
5) Pyridine	3.670	79	267818	19.031	ng/u1	95
6) Benzaldehyde	6.946	77	155621	19.812	ng/u1	98
8) Phenol	7.005	94	316756	18.957	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	267387	19.777	ng/u1	99
12) 2-Chlorophenol	7.369	128	260645	18.673	ng/u1	99
13) 2-Methylphenol	8.258	108	236002	19.093	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.334	45	315884	19.806	ng/u1	98
16) Acetophenone	8.634	105	384908	19.513	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	183915	18.698	ng/u1	98
18) 4-Methylphenol	8.587	108	254707	19.143	ng/u1	99
19) Hexachloroethane	8.875	117	110465	18.867	ng/u1	95
22) Nitrobenzene	9.010	77	283970	19.024	ng/u1	98
23) Isophorone	9.540	82	513415	19.074	ng/u1	99
25) 2-Nitrophenol	9.722	139	140172	19.881	ng/u1	96
26) 2,4-Dimethylphenol	9.787	107	246818	19.885	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	345197	19.403	ng/u1	98
29) 2,4-Dichlorophenol	10.252	162	255804	19.632	ng/u1	98
30) Naphthalene	10.652	128	814148	19.105	ng/u1	99
32) 4-Chloroaniline	10.769	127	308432	19.598	ng/u1	100
33) Hexachlorobutadiene	10.934	225	199901	19.934	ng/u1	98
34) Caprolactam	11.552	113	60292	17.518	ng/u1	96
35) 4-Chloro-3-methylphenol	11.899	107	245227	19.172	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	556356	19.364	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	552312	19.063	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.634	216	352226	19.873	ng/ul	100
40) Hexachlorocyclopentadiene	12.610	237	187185	19.027	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	204894	19.371	ng/ul	98
42) 2,4,5-Trichlorophenol	12.951	196	220200	19.612	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	722066	19.235	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	581803	19.315	ng/ul	100
45) 2-Nitroaniline	13.534	65	139078	19.233	ng/ul	94
47) Dimethylphthalate	13.916	163	720312	19.198	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	135051	19.588	ng/ul	99
50) Acenaphthylene	14.169	152	909016	19.589	ng/ul	99
51) 3-Nitroaniline	14.363	138	132266	19.623	ng/ul	94
52) Acenaphthene	14.510	153	606508	19.285	ng/ul	99
53) 2,4-Dinitrophenol	14.575	184	71822	16.169	ng/ul	95
55) 4-Nitrophenol	14.681	109	96355	18.784	ng/ul	96
56) Dibenzofuran	14.851	168	861336	19.178	ng/ul	100
57) 2,4-Dinitrotoluene	14.822	165	196450	19.374	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	190929	19.463	ng/ul	99
59) Diethylphthalate	15.281	149	698232	19.193	ng/ul	99
61) Fluorene	15.498	166	688296	19.147	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	376375	19.172	ng/ul	100
63) 4-Nitroaniline	15.528	138	133563	19.695	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.587	198	128506	19.013	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	581818	19.578	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	241283	19.936	ng/ul	98
69) Hexachlorobenzene	16.504	284	288971	19.537	ng/ul	98
70) Atrazine	16.675	200	130730	15.587	ng/ul	99
71) Pentachlorophenol	16.851	266	163668	18.847	ng/ul	98
72) Phenanthrene	17.245	178	1119901	18.978	ng/ul	100
74) Anthracene	17.339	178	1143390	19.463	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.246	216	340084	20.087	ng/uL	98
76) Pentachlorobenzene	14.763	250	336916	20.026	ng/uL	99
77) Carbazole	17.616	167	992788	20.316	ng/ul	100
78) Di-n-butylphthalate	18.169	149	1180153	19.473	ng/ul	99
80) Fluoranthene	19.222	202	1417301	19.406	ng/ul	100
82) Pyrene	19.575	202	1463379	19.125	ng/ul	100
83) Butylbenzylphthalate	20.457	149	546242	19.985	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	522085	19.985	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1581554	19.168	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	828878	20.595	ng/ul	99
87) Chrysene	21.345	228	1479548	19.230	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1442066	20.210	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	1689867	19.281	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	1625476	18.874	ng/ul	100
93) Benzo(a)pyrene	23.569	252	1567647	19.003	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.121	276	1984529	18.767	ng/ul	98
95) Dibenzo(a,h)anthracene	26.139	278	1657838	18.845	ng/ul	99
96) Benzo(g,h,i)perylene	26.874	276	1580864	18.655	ng/ul	99

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

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