

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081922\
 Data File : BN021293.D
 Acq On : 19 Aug 2022 12:20
 Operator : CG/JU
 Sample : SSTD01024
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010232

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

08/22/2022
 Supervised By :Sohil
 Jodhani

Quant Time: Aug 19 15:38:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 15:36:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	84424	20.000	ng/u1	0.00
20) Naphthalene-d8	10.934	136	389051	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	254403	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.504	188	529102	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	587804	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	626169	20.000	ng/u1	0.00

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.381	96	9199	4.021	ng/uL	0.00
4) Pyridine-d5	3.817	84	57213	9.479	ng/u1	0.00
7) Phenol-d5	7.240	99	69287	9.696	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	46994	10.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	53066	9.720	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	54648	10.372	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	24654	9.820	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	19791	9.167	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	49641	9.314	ng/u1	0.00
31) 4-Chloroaniline-d4	11.069	131	88576	10.782	ng/u1	0.00
46) Dimethylphthalate-d6	14.157	166	169785	10.032	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	203034	9.731	ng/u1	0.00
54) 4-Nitrophenol-d4	14.934	143	26007	8.889	ng/u1	0.00
60) Fluorene-d10	15.745	176	152473	10.229	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	13863	7.716	ng/u1	0.00
73) Anthracene-d10	17.598	188	240453	10.307	ng/u1	0.00
81) Pyrene-d10	19.892	212	269543	9.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.063	264	296157	9.647	ng/u1	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.417	88	9831	4.008	ng/uL	90
5) Pyridine	3.834	79	58226	9.626	ng/u1	92
6) Benzaldehyde	7.222	77	34354	11.154	ng/u1	93
8) Phenol	7.263	94	74062	10.167	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.510	93	63188	10.714	ng/u1	96
12) 2-Chlorophenol	7.652	128	58049	10.024	ng/u1	93
13) 2-Methylphenol	8.540	108	55104	10.114	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	80245	11.064	ng/u1	97
16) Acetophenone	8.928	105	97143	11.812	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	46872	11.537	ng/u1	95
18) 4-Methylphenol	8.869	108	61872	10.787	ng/u1	97
19) Hexachloroethane	9.193	117	23547	9.720	ng/u1	91
22) Nitrobenzene	9.316	77	63010	10.099	ng/u1	99
23) Isophorone	9.840	82	130700	10.005	ng/u1	98
25) 2-Nitrophenol	10.034	139	23632	9.230	ng/u1	95
26) 2,4-Dimethylphenol	10.093	107	67627	9.999	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.334	93	85104	10.411	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	52475	9.627	ng/u1	100
30) Naphthalene	10.981	128	210551	10.567	ng/u1	98
32) 4-Chloroaniline	11.093	127	93619	11.140	ng/u1	99
33) Hexachlorobutadiene	11.269	225	32372	9.759	ng/u1	98
34) Caprolactam	11.840	113	16646	9.340	ng/u1	89
35) 4-Chloro-3-methylphenol	12.204	107	58480	10.245	ng/u1	98
36) 2-Methylnaphthalene	12.587	142	139442	10.686	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	141534	10.842	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.945	216	65918	9.404	ng/ul	96
40) Hexachlorocyclopentadiene	12.928	237	36037	8.316	ng/ul	92
41) 2,4,6-Trichlorophenol	13.187	196	37513	8.950	ng/ul	88
42) 2,4,5-Trichlorophenol	13.257	196	39858	8.748	ng/ul	98
43) 1,1'-Biphenyl	13.592	154	189665	9.803	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	143947	9.867	ng/ul	99
45) 2-Nitroaniline	13.834	65	29520	9.777	ng/ul	91
47) Dimethylphthalate	14.204	163	178498	10.224	ng/ul	98
48) 2,6-Dinitrotoluene	14.322	165	25257	9.861	ng/ul	97
50) Acenaphthylene	14.475	152	239021	10.068	ng/ul	99
51) 3-Nitroaniline	14.651	138	24912	8.336	ng/ul#	94
52) Acenaphthene	14.816	153	156947	10.345	ng/ul	99
53) 2,4-Dinitrophenol	14.851	184	8666	7.434	ng/ul	94
55) 4-Nitrophenol	14.951	109	22888	9.576	ng/ul	93
56) Dibenzofuran	15.151	168	223301	10.405	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	36574	10.360	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.369	232	30838	9.415	ng/ul	96
59) Diethylphthalate	15.563	149	175918	10.043	ng/ul	97
61) Fluorene	15.798	166	178770	10.543	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.792	204	83758	10.741	ng/ul	97
63) 4-Nitroaniline	15.810	138	26706	9.799	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.863	198	14722	7.677	ng/ul#	82
67) N-Nitrosodiphenylamine	16.004	169	155035	10.048	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	47065	9.553	ng/ul	97
69) Hexachlorobenzene	16.792	284	56797	9.908	ng/ul	93
70) Atrazine	16.951	200	49857	9.480	ng/ul	95
71) Pentachlorophenol	17.145	266	22994	7.700	ng/ul	94
72) Phenanthrene	17.545	178	292112	10.515	ng/ul	97
74) Anthracene	17.633	178	289281	10.263	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.551	216	69471	9.190	ng/uL	99
76) Pentachlorobenzene	15.063	250	66961	9.773	ng/uL	96
77) Carbazole	17.904	167	270949	10.536	ng/ul	97
78) Di-n-butylphthalate	18.475	149	277273	8.889	ng/ul	99
80) Fluoranthene	19.557	202	327613	8.889	ng/ul#	92
82) Pyrene	19.922	202	352650	9.249	ng/ul#	95
83) Butylbenzylphthalate	20.822	149	107739	7.257	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.610	252	108267	9.484	ng/ul#	95
85) Benzo(a)anthracene	21.680	228	352756	9.862	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.610	149	188492	8.000	ng/ul	97
87) Chrysene	21.733	228	348997	10.077	ng/ul	98
89) Di-n-octyl phthalate	22.586	149	316800	7.437	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	381286	9.754	ng/ul#	97
91) Benzo(k)fluoranthene	23.504	252	341667	9.482	ng/ul#	95
93) Benzo(a)pyrene	24.121	252	374541	9.961	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.915	276	443103	9.962	ng/ul	97
95) Dibenzo(a,h)anthracene	26.939	278	381780	10.065	ng/ul	95
96) Benzo(g,h,i)perylene	27.727	276	390266m	10.091	ng/ul	

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

