

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
 Data File : BN013959.D
 Acq On : 16 Mar 2021 17:41
 Operator : CG/JU
 Sample : SSTD04051
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040051

Manual Integrations
 APPROVED

mohammad
 3/17/2021 10:52:23 AM

Quant Time: Mar 16 18:14:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 16 17:38:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	167141	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	688176	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	403574	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	814093	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	817814	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	839399	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	72094	17.59	ng/uL	0.00
4) Pyridine-d5	3.60	84	501444	46.86	ng/ul	0.00
7) Phenol-d5	6.88	99	603407	45.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	373195	48.30	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	477615	41.54	ng/ul	0.00
15) 4-Methylphenol-d8	8.41	113	464926	44.57	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	225624	41.78	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	222966	40.22	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.11	165	449130	42.31	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	640126	42.72	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	1228852	41.04	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	1503916	39.48	ng/ul	0.00
54) 4-Nitrophenol-d4	14.55	143	238055	42.45	ng/ul	0.00
60) Fluorene-d10	15.35	176	1065861	40.95	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	176682	37.25	ng/ul	0.00
73) Anthracene-d10	17.19	188	1603663	40.77	ng/ul	0.00
81) Pyrene-d10	19.49	212	1772725	36.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1903111	43.46	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.24	88	75203	17.731	ng/uL 96
5) Pyridine	3.63	79	512916	47.330	ng/ul 98
6) Benzaldehyde	6.85	77	353548	65.912	ng/ul 100
8) Phenol	6.90	94	651512	47.996	ng/ul 100
10) Bis(2-Chloroethyl)ether	7.14	93	510210	45.722	ng/ul 99
12) 2-Chlorophenol	7.28	128	509483	43.252	ng/ul 98
13) 2-Methylphenol	8.15	108	470029	45.961	ng/ul 97
14) 2,2'-oxybis(1-Chloropropan	8.24	45	761803	48.896	ng/ul 99
16) Acetophenone	8.53	105	772672	49.038	ng/ul 95
17) N-Nitroso-di-n-propylamine	8.52	70	382492	53.352	ng/ul 99
18) 4-Methylphenol	8.48	108	514920	46.503	ng/ul 98
19) Hexachloroethane	8.78	117	208395	42.475	ng/ul 95
22) Nitrobenzene	8.90	77	578410	47.196	ng/ul 95
23) Isophorone	9.42	82	1026343	48.734	ng/ul 100
25) 2-Nitrophenol	9.61	139	259724	41.247	ng/ul 99
26) 2,4-Dimethylphenol	9.67	107	556523	46.082	ng/ul 96
27) Bis(2-Chloroethoxy)methane	9.91	93	662345	45.108	ng/ul 100
29) 2,4-Dichlorophenol	10.14	162	456758	42.743	ng/ul 97
30) Naphthalene	10.54	128	1590974	40.951	ng/ul 100
32) 4-Chloroaniline	10.65	127	656598	45.361	ng/ul 100
33) Hexachlorobutadiene	10.83	225	275211	39.450	ng/ul 97
34) Caprolactam	11.41	113	137408m	46.456	ng/ul

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35) 4-Chloro-3-methylphenol	11.77	107	481138	45.928	ng/ul	96
36) 2-Methylnaphthalene	12.16	142	1090134	41.970	ng/ul	99
37) 1-Methylnaphthalene	12.38	142	1076723	43.292	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	537667	41.468	ng/ul	96
40) Hexachlorocyclopentadiene	12.51	237	328677	41.342	ng/ul	99
41) 2,4,6-Trichlorophenol	12.77	196	334709	42.809	ng/ul	95
42) 2,4,5-Trichlorophenol	12.84	196	367327	42.973	ng/ul	97
43) 1,1'-Biphenyl	13.18	154	1363067	40.033	ng/ul	99
44) 2-Chloronaphthalene	13.22	162	1070001	39.757	ng/ul	98
45) 2-Nitroaniline	13.42	65	304692	49.549	ng/ul	96
47) Dimethylphthalate	13.81	163	1282604	41.185	ng/ul	99
48) 2,6-Dinitrotoluene	13.93	165	257969	42.336	ng/ul	97
50) Acenaphthylene	14.07	152	1578665	40.236	ng/ul	100
51) 3-Nitroaniline	14.25	138	283055	50.640	ng/ul	95
52) Acenaphthene	14.42	153	1124625	40.169	ng/ul	99
53) 2,4-Dinitrophenol	14.46	184	122254	39.324	ng/ul	95
55) 4-Nitrophenol	14.56	109	190862	47.294	ng/ul	97
56) Dibenzofuran	14.75	168	1545258	41.211	ng/ul	98
57) 2,4-Dinitrotoluene	14.72	165	363912	42.743	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.97	232	298850	45.130	ng/ul#	99
59) Diethylphthalate	15.18	149	1295455	43.064	ng/ul	99
61) Fluorene	15.40	166	1253607	42.375	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.40	204	600318	41.357	ng/ul	98
63) 4-Nitroaniline	15.42	138	290843	57.894	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.48	198	188093	36.573	ng/ul#	89
67) N-Nitrosodiphenylamine	15.61	169	1070289	39.688	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	359806	39.193	ng/ul	95
69) Hexachlorobenzene	16.40	284	426171	40.543	ng/ul	94
70) Atrazine	16.56	200	368864	41.799	ng/ul	95
71) Pentachlorophenol	16.75	266	226721	40.413	ng/ul	97
72) Phenanthrene	17.13	178	1951933	40.158	ng/ul	100
74) Anthracene	17.23	178	2002355	41.037	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	539183	39.007	ng/uL	97
76) Pentachlorobenzene	14.67	250	537204	40.854	ng/uL	96
77) Carbazole	17.50	167	1825739	44.777	ng/ul	98
78) Di-n-butylphthalate	18.07	149	2108612	45.493	ng/ul	99
80) Fluoranthene	19.15	202	2228780	35.306	ng/ul	99
82) Pyrene	19.52	202	2344253	36.170	ng/ul	98
83) Butylbenzylphthalate	20.42	149	922105	42.753	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.19	252	677495	46.716	ng/ul	96
85) Benzo(a)anthracene	21.26	228	2269459	41.773	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.19	149	1381127	45.529	ng/ul	97
87) Chrysene	21.31	228	2201189	41.161	ng/ul	98
89) Di-n-octyl phthalate	22.07	149	2419237	46.813	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	2320046	42.231	ng/ul	100
91) Benzo(k)fluoranthene	22.87	252	2207989	40.601	ng/ul	99
93) Benzo(a)pyrene	23.40	252	2096114	41.525	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.74	276	2570382	41.064	ng/ul	97
95) Dibenzo(a,h)anthracene	25.76	278	2215204	42.364	ng/ul	100
96) Benzo(g,h,i)perylene	26.44	276	2125422	40.848	ng/ul	97

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

