

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
 Data File : BN011172.D
 Acq On : 15 Jul 2020 11:39
 Operator : CG/JU
 Sample : SSTD04056
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04056

Manual Integrations
 APPROVED

mohammad
 7/16/2020 11:06:41 AM

Quant Time: Jul 15 12:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 11:45:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	200073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	894325	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	574946	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1300810	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1454035	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1472616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	78046	14.46	ng/uL	0.00
5) Phenol-d5	6.69	99	629733	42.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	333241	39.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	573858	43.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	519196	44.31	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	259941	34.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	291191	38.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	555695	37.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	685799	45.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1776096	39.68	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	2125545	38.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	337875	48.53	ng/ul	0.00
58) Fluorene-d10	15.13	176	1552911	38.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	329760	42.27	ng/ul	0.00
71) Anthracene-d10	16.97	188	2446067	38.15	ng/ul	0.00
79) Pyrene-d10	19.28	212	2854832	36.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2994534	38.34	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.18	88	80844	14.183	ng/uL 96
4) Benzaldehyde	6.65	77	352966	43.798	ng/ul 96
6) Phenol	6.72	94	683445	42.742	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.94	93	511513	40.326	ng/ul 94
10) 2-Chlorophenol	7.07	128	603755	43.099	ng/ul 95
11) 2-Methylphenol	7.94	108	509003	42.729	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	328106	39.349	ng/ul 97
14) Acetophenone	8.30	105	873618	43.794	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.30	70	429434	47.708	ng/ul 98
16) 4-Methylphenol	8.27	108	557687	44.294	ng/ul 99
17) Hexachloroethane	8.55	117	239493	35.540	ng/ul 94
20) Nitrobenzene	8.67	77	649991	33.278	ng/ul 96
21) Isophorone	9.20	82	1163786	37.821	ng/ul 98
23) 2-Nitrophenol	9.37	139	324040	37.497	ng/ul 97
24) 2,4-Dimethylphenol	9.45	107	650712	35.760	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.68	93	689191	35.368	ng/ul 98
27) 2,4-Dichlorophenol	9.90	162	564852	36.729	ng/ul 98
28) Naphthalene	10.29	128	1926317	36.928	ng/ul 98
30) 4-Chloroaniline	10.41	127	708683	45.255	ng/ul 100
31) Hexachlorobutadiene	10.58	225	369439	30.904	ng/ul 95
32) Caprolactam	11.19	113	159659m	46.129	ng/ul
33) 4-Chloro-3-methylphenol	11.55	107	647339	43.420	ng/ul 99
34) 2-Methylnaphthalene	11.91	142	1435178	39.859	ng/ul 98

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35) 1-Methylnaphthalene	12.13	142	1318678	39.762	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	755603	34.867	ng/uL	97
38) Hexachlorocyclopentadiene	12.27	237	511004	35.556	ng/uL	97
39) 2,4,6-Trichlorophenol	12.54	196	491379	39.452	ng/uL	95
40) 2,4,5-Trichlorophenol	12.61	196	553737	42.178	ng/uL	95
41) 1,1'-Biphenyl	12.95	154	1833575	36.357	ng/uL	99
42) 2-Chloronaphthalene	12.98	162	1439097	35.946	ng/uL	98
43) 2-Nitroaniline	13.20	65	409369	44.728	ng/uL	97
45) Dimethylphthalate	13.60	163	1842645	39.157	ng/uL	100
46) 2,6-Dinitrotoluene	13.71	165	389927	42.659	ng/uL	95
48) Acenaphthylene	13.84	152	2227904	38.467	ng/uL	98
49) 3-Nitroaniline	14.04	138	374175	45.892	ng/uL	98
50) Acenaphthene	14.19	153	1546642	37.698	ng/uL	95
51) 2,4-Dinitrophenol	14.25	184	236258	47.573	ng/uL#	89
53) 4-Nitrophenol	14.37	109	326707	48.421	ng/uL	97
54) Dibenzofuran	14.53	168	2170182	37.603	ng/uL	100
55) 2,4-Dinitrotoluene	14.50	165	561587	44.312	ng/uL	96
56) 2,3,4,6-Tetrachlorophenol	14.76	232	464871	43.726	ng/uL	97
57) Diethylphthalate	14.98	149	1883551	40.860	ng/uL	99
59) Fluorene	15.18	166	1874509	39.607	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.19	204	932048	38.373	ng/uL	95
61) 4-Nitroaniline	15.22	138	415440	47.744	ng/uL	99
64) 4,6-Dinitro-2-methylphenol	15.27	198	344400	42.182	ng/uL	96
65) N-Nitrosodiphenylamine	15.40	169	1570417	36.910	ng/uL	98
66) 4-Bromophenyl-phenylether	16.08	248	547199	36.456	ng/uL	95
67) Hexachlorobenzene	16.19	284	600568	35.380	ng/uL	95
68) Atrazine	16.37	200	588851	42.280	ng/uL	98
69) Pentachlorophenol	16.53	266	392852	43.982	ng/uL	95
70) Phenanthrene	16.92	178	2942801	37.213	ng/uL	98
72) Anthracene	17.01	178	3063538	38.329	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	740726	32.199	ng/uL	98
74) Pentachlorobenzene	14.45	250	702859	33.881	ng/uL	99
75) Carbazole	17.29	167	2755368	42.975	ng/uL	98
76) Di-n-butylphthalate	17.87	149	3289672	43.444	ng/uL	99
77) Fluoranthene	18.94	202	3637905	42.920	ng/uL	97
80) Pvrene	19.32	202	3810401	35.688	ng/uL	98
81) Butylbenzylphthalate	20.24	149	1618426	45.006	ng/uL	99
82) 3,3'-Dichlorobenzidine	21.02	252	1246928	43.846	ng/uL	98
83) Benzo(a)anthracene	21.08	228	3833799	38.237	ng/uL	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2553532	46.594	ng/uL	100
85) Chrysene	21.13	228	3761383	38.312	ng/uL	99
87) Di-n-octyl phthalate	21.90	149	4342187	47.306	ng/uL	100
88) Benzo(b)fluoranthene	22.60	252	3890035	38.329	ng/uL	98
89) Benzo(k)fluoranthene	22.64	252	3911889	40.313	ng/uL	99
91) Benzo(a)pyrene	23.14	252	3361393	37.977	ng/uL	100
92) Indeno(1,2,3-cd)pyrene	25.32	276	3845135	34.275	ng/uL	96
93) Dibenzo(a,h)anthracene	25.33	278	3189285	34.404	ng/uL	98
94) Benzo(a,h,i)perylene	25.96	276	2948233	32.087	ng/uL	99

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

