

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102220\
 Data File : BN012388.D
 Acq On : 22 Oct 2020 15:40
 Operator : CG/JU
 Sample : SSTD04052
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD04052

Manual Integrations
 APPROVED

mohammad
 10/23/2020 1:33:12 PM

Quant Time: Oct 22 16:14:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 22 15:51:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	143954	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	606653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	401465	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	837031	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	873869	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	937721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	63109	20.19	ng/uL	0.00
5) Phenol-d5	6.76	99	532352	41.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	315113	40.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	419625	41.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	438529	42.19	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	210048	41.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	236269	40.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	439687	42.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	413938	32.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1308287	40.16	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	1590541	40.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	249503	40.11	ng/ul	0.00
58) Fluorene-d10	15.22	176	1146777	41.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	237492	40.49	ng/ul	0.00
71) Anthracene-d10	17.07	188	1771015	43.06	ng/ul	0.00
79) Pyrene-d10	19.38	212	1894101	40.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	2073390	38.30	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	68056	18.422	ng/uL 98
4) Benzaldehyde	6.73	77	305882	41.234	ng/ul 93
6) Phenol	6.79	94	551792	40.689	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.02	93	414954	39.284	ng/ul 97
10) 2-Chlorophenol	7.15	128	423984	40.371	ng/ul 98
11) 2-Methylphenol	8.02	108	406615	40.359	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.12	45	554780	39.513	ng/ul 98
14) Acetophenone	8.40	105	667772	41.504	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.39	70	345996	41.017	ng/ul 98
16) 4-Methylphenol	8.35	108	449963	41.258	ng/ul 94
17) Hexachloroethane	8.65	117	186746	40.624	ng/ul 96
20) Nitrobenzene	8.77	77	552301	41.234	ng/ul 99
21) Isophorone	9.30	82	950442	39.719	ng/ul 99
23) 2-Nitrophenol	9.47	139	246086	39.616	ng/ul 93
24) 2,4-Dimethylphenol	9.54	107	515715	41.131	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.78	93	579811	39.715	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	431334	41.759	ng/ul 98
28) Naphthalene	10.40	128	1416579	40.200	ng/ul 98
30) 4-Chloroaniline	10.52	127	403847	31.831	ng/ul 98
31) Hexachlorobutadiene	10.69	225	265409	40.249	ng/ul 95
32) Caprolactam	11.30	113	131654m	39.369	ng/ul
33) 4-Chloro-3-methylphenol	11.65	107	481173	41.129	ng/ul 98
34) 2-Methylnaphthalene	12.02	142	994045	40.989	ng/ul 100

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35) 1-Methylnaphthalene	12.25	142	1163960	48.536	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	493636	39.359	ng/uL	99
38) Hexachlorocyclopentadiene	12.37	237	314226	36.641	ng/uL	97
39) 2,4,6-Trichlorophenol	12.65	196	338003	39.222	ng/uL	94
40) 2,4,5-Trichlorophenol	12.72	196	359267	39.938	ng/uL	90
41) 1,1'-Biphenyl	13.05	154	1329220	39.292	ng/uL	96
42) 2-Chloronaphthalene	13.09	162	1037352	39.130	ng/uL	97
43) 2-Nitroaniline	13.30	65	327099	40.166	ng/uL	98
45) Dimethylphthalate	13.69	163	1311400	38.620	ng/uL	99
46) 2,6-Dinitrotoluene	13.81	165	277227	39.695	ng/uL	98
48) Acenaphthylene	13.95	152	1585412	38.922	ng/uL	98
49) 3-Nitroaniline	14.14	138	202001	32.028	ng/uL	98
50) Acenaphthene	14.29	153	1132906	39.483	ng/uL	97
51) 2,4-Dinitrophenol	14.35	184	166083	37.873	ng/uL	94
53) 4-Nitrophenol	14.46	109	222492	41.751	ng/uL	97
54) Dibenzofuran	14.63	168	1549729	39.679	ng/uL	97
55) 2,4-Dinitrotoluene	14.60	165	404561	40.442	ng/uL	100
56) 2,3,4,6-Tetrachlorophenol	14.86	232	305428	39.424	ng/uL	99
57) Diethylphthalate	15.07	149	1335083	38.793	ng/uL	99
59) Fluorene	15.28	166	1329661	40.478	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.28	204	631079	39.369	ng/uL	97
61) 4-Nitroaniline	15.31	138	257213	37.898	ng/uL	92
64) 4,6-Dinitro-2-methylphenol	15.37	198	255440	40.100	ng/uL	96
65) N-Nitrosodiphenylamine	15.50	169	1095555	40.461	ng/uL	95
66) 4-Bromophenyl-phenylether	16.17	248	379342	40.614	ng/uL	86
67) Hexachlorobenzene	16.28	284	448390	39.797	ng/uL	99
68) Atrazine	16.46	200	392080	38.998	ng/uL	94
69) Pentachlorophenol	16.63	266	273866	40.021	ng/uL	90
70) Phenanthrene	17.02	178	2131329	41.410	ng/uL	97
72) Anthracene	17.11	178	2155599	41.626	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	487071	40.445	ng/uL	95
74) Pentachlorobenzene	14.55	250	503430	40.697	ng/uL	97
75) Carbazole	17.38	167	1866105	40.653	ng/uL	97
76) Di-n-butylphthalate	17.96	149	2301353	38.853	ng/uL	99
77) Fluoranthene	19.04	202	2460488	41.680	ng/uL#	95
80) Pvrene	19.41	202	2490859	37.706	ng/uL	99
81) Butylbenzylphthalate	20.33	149	1097186	37.060	ng/uL	96
82) 3,3'-Dichlorobenzidine	21.10	252	692141	31.130	ng/uL	94
83) Benzo(a)anthracene	21.17	228	2351668	39.217	ng/uL	97
84) Bis(2-ethylhexyl)phthalate	21.11	149	1606237	35.332	ng/uL	99
85) Chrysene	21.22	228	2295217	39.050	ng/uL	98
87) Di-n-octyl phthalate	21.97	149	2720553	34.915	ng/uL	100
88) Benzo(b)fluoranthene	22.71	252	2518291	38.236	ng/uL	98
89) Benzo(k)fluoranthene	22.75	252	2482417	38.821	ng/uL	99
91) Benzo(a)pyrene	23.26	252	2301061	38.119	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	2894561	37.646	ng/uL	99
93) Dibenzo(a,h)anthracene	25.53	278	2513945	38.672	ng/uL	98
94) Benzo(a,h,i)perylene	26.18	276	2372729	37.098	ng/uL	95

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

