

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027213.D
 Acq On : 25 Aug 2020 14:21
 Operator : JU/CG
 Sample : SSTD08005
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08005

Manual Integrations
 APPROVED

mohammad
 8/27/2020 3:13:32 PM

Quant Time: Aug 25 14:58:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 25 13:47:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	165388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	640486	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	430126	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	926534	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	720733	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	558500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	97087	26.68	ng/uL	0.00
5) Phenol-d5	6.79	99	1194041	92.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	751565	85.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	931864	91.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	956779	95.43	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	449274	88.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	543021	103.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	1083098	97.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	1141688	88.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	2992138	87.24	ng/ul	0.01
47) Acenaphthylene-d8	13.94	160	3648327	89.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	516615	89.22	ng/ul	0.02
58) Fluorene-d10	15.25	176	2623656	87.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	577375	114.09	ng/ul	0.01
71) Anthracene-d10	17.09	188	3971091	87.00	ng/ul	0.00
79) Pyrene-d10	19.39	212	4035824	112.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	2876404	92.26	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	115400	24.943	ng/uL 95
4) Benzaldehyde	6.75	77	806064	64.478	ng/ul 98
6) Phenol	6.82	94	1244990	91.816	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.04	93	987566	88.239	ng/ul 100
10) 2-Chlorophenol	7.18	128	946141	89.253	ng/ul 99
11) 2-Methylphenol	8.05	108	920226	93.430	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.14	45	757523	88.849	ng/ul 97
14) Acetophenone	8.42	105	1519344	90.168	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.43	70	905926	92.674	ng/ul 99
16) 4-Methylphenol	8.39	108	992429	93.762	ng/ul 96
17) Hexachloroethane	8.67	117	440960	83.162	ng/ul 98
20) Nitrobenzene	8.79	77	1335534	80.580	ng/ul 98
21) Isophorone	9.33	82	2373539	90.255	ng/ul 100
23) 2-Nitrophenol	9.50	139	569966	97.666	ng/ul 96
24) 2,4-Dimethylphenol	9.57	107	1155289	86.790	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.80	93	1355462	90.975	ng/ul 100
27) 2,4-Dichlorophenol	10.04	162	1038852	93.446	ng/ul 99
28) Naphthalene	10.43	128	3008857	84.518	ng/ul 100
30) 4-Chloroaniline	10.54	127	1148803	88.730	ng/ul 98
31) Hexachlorobutadiene	10.72	225	778788	83.090	ng/ul 98
32) Caprolactam	11.34	113	298619m	96.629	ng/ul
33) 4-Chloro-3-methylphenol	11.69	107	1073698	91.397	ng/ul 98
34) 2-Methylnaphthalene	12.05	142	2233704	85.554	ng/ul 98

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35) 1-Methylnaphthalene	12.27	142	2164909	84.230	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	1426673	89.634	ng/ul	97
38) Hexachlorocyclopentadiene	12.41	237	987073	94.052	ng/ul	99
39) 2,4,6-Trichlorophenol	12.67	196	914150	97.715	ng/ul	96
40) 2,4,5-Trichlorophenol	12.75	196	968875	97.310	ng/ul	99
41) 1,1'-Biphenyl	13.07	154	3016666	85.822	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	2451006	86.005	ng/ul	99
43) 2-Nitroaniline	13.32	65	757154	91.719	ng/ul	97
45) Dimethylphthalate	13.72	163	3078315	85.640	ng/ul	99
46) 2,6-Dinitrotoluene	13.83	165	681027	99.507	ng/ul	100
48) Acenaphthylene	13.97	152	3624555	87.228	ng/ul	99
49) 3-Nitroaniline	14.15	138	546191	89.801	ng/ul	97
50) Acenaphthene	14.31	153	2520239	85.577	ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	410626	115.448	ng/ul	97
53) 4-Nitrophenol	14.49	109	485493	78.746	ng/ul	97
54) Dibenzofuran	14.65	168	3575067	84.829	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	943347	94.912	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.88	232	879661	98.029	ng/ul	96
57) Diethylphthalate	15.09	149	3110603	86.273	ng/ul	100
59) Fluorene	15.30	166	3107386	88.107	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	1737480	90.398	ng/ul	99
61) 4-Nitroaniline	15.33	138	613263	88.276	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.39	198	616994	110.169	ng/ul#	98
65) N-Nitrosodiphenylamine	15.52	169	2541557	91.558	ng/ul	99
66) 4-Bromophenyl-phenylether	16.19	248	1079294	93.133	ng/ul	99
67) Hexachlorobenzene	16.31	284	1219464	89.725	ng/ul	96
68) Atrazine	16.48	200	1023473	90.933	ng/ul	99
69) Pentachlorophenol	16.65	266	736067	97.730	ng/ul	99
70) Phenanthrene	17.04	178	4742255	85.374	ng/ul	99
72) Anthracene	17.13	178	4844015	85.705	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	1361032	93.920	ng/uL	99
74) Pentachlorobenzene	14.57	250	1368423	90.532	ng/uL	99
75) Carbazole	17.40	167	3943233	82.653	ng/ul	98
76) Di-n-butylphthalate	17.97	149	5051280	86.408	ng/ul	99
77) Fluoranthene	19.06	202	5429735	80.612	ng/ul	98
80) Pvrene	19.43	202	5364564	109.657	ng/ul	98
81) Butylbenzylphthalate	20.34	149	1977981	110.001	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.12	252	1465300	90.096	ng/ul	98
83) Benzo(a)anthracene	21.18	228	4302669	88.678	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2740886	100.898	ng/ul	97
85) Chrysene	21.23	228	4128688	86.689	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	4118820	110.227	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	3763722	97.048	ng/ul	99
89) Benzo(k)fluoranthene	22.77	252	3491681	90.843	ng/ul	100
91) Benzo(a)pyrene	23.29	252	3238499	91.756	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	3867484	85.042	ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	3294776	85.531	ng/ul	99
94) Benzo(a,h,i)perylene	26.24	276	3122144	83.116	ng/ul	99

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

