

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029367.D
 Acq On : 07 Apr 2021 12:03
 Operator : CG/JU
 Sample : SSTD00802
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00802

Manual Integrations
 APPROVED

mohammad
 4/8/2021 1:36:33 PM

Quant Time: Apr 07 12:59:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 07 11:34:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	106696	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	433526	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	258248	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	514216	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	539975	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	521484	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	83165	35.10	ng/uL	0.00
5) Phenol-d5	6.87	99	753905	97.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	463747	105.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	582840	84.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	583019	93.99	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	270350	86.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	300589	86.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	564390	87.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	658093	89.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1549008	87.26	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2038620	85.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	300464	97.27	ng/ul	0.02
58) Fluorene-d10	15.32	176	1306742	84.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	269092	87.76	ng/ul	0.01
71) Anthracene-d10	17.17	188	2006925	85.86	ng/ul	0.00
79) Pyrene-d10	19.46	212	2168317	81.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2288630	86.39	ng/ul	0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.22	88	87298	36.555	ng/uL	95
4) Benzaldehyde	6.84	77	421051	109.875	ng/ul	97
6) Phenol	6.90	94	791662	98.921	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	585471	94.402	ng/ul	98
10) 2-Chlorophenol	7.26	128	613982	87.139	ng/ul	97
11) 2-Methylphenol	8.13	108	570495	94.451	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	862032	89.900	ng/ul	99
14) Acetophenone	8.52	105	937360	92.785	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	530552	118.685	ng/ul	99
16) 4-Methylphenol	8.47	108	614263	95.594	ng/ul	98
17) Hexachloroethane	8.76	117	267362	88.760	ng/ul	98
20) Nitrobenzene	8.89	77	772919	105.569	ng/ul	99
21) Isophorone	9.42	82	1333658	107.896	ng/ul	99
23) 2-Nitrophenol	9.60	139	331837	84.631	ng/ul	97
24) 2,4-Dimethylphenol	9.66	107	704775	93.432	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	774975	95.839	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	563832	87.326	ng/ul	98
28) Naphthalene	10.53	128	1861284	84.156	ng/ul	99
30) 4-Chloroaniline	10.64	127	681618	91.465	ng/ul	99
31) Hexachlorobutadiene	10.82	225	333826	79.287	ng/ul	97
32) Caprolactam	11.43	113	164984m	95.517	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	610946	93.889	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	1319998	87.323	ng/ul	98

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35) 1-Methylnaphthalene	12.36	142	1276143	87.697	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	622128	77.339	ng/ul	96
38) Hexachlorocyclopentadiene	12.49	237	416995	134.115	ng/ul	98
39) 2,4,6-Trichlorophenol	12.76	196	421529	82.925	ng/ul	96
40) 2,4,5-Trichlorophenol	12.83	196	454400	83.849	ng/ul	96
41) 1,1'-Biphenyl	13.16	154	1664191	82.660	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	1289448	81.224	ng/ul	98
43) 2-Nitroaniline	13.41	65	457745	111.331	ng/ul	94
45) Dimethylphthalate	13.80	163	1584985	85.592	ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	335700	92.050	ng/ul	93
48) Acenaphthylene	14.05	152	1941116	85.880	ng/ul	99
49) 3-Nitroaniline	14.24	138	301378	84.936	ng/ul	98
50) Acenaphthene	14.39	153	1406735	85.986	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	202805	99.107	ng/ul	98
53) 4-Nitrophenol	14.56	109	288298	105.152	ng/ul	96
54) Dibenzofuran	14.73	168	1904810	84.093	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	473479	89.421	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	363442	86.654	ng/ul	94
57) Diethylphthalate	15.17	149	1649299	88.097	ng/ul	99
59) Fluorene	15.38	166	1683587	90.643	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	791683	86.352	ng/ul	99
61) 4-Nitroaniline	15.41	138	339018	92.733	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.46	198	272270	87.512	ng/ul#	96
65) N-Nitrosodiphenylamine	15.59	169	1380765	87.408	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	423568	80.933	ng/ul	96
67) Hexachlorobenzene	16.38	284	462590	78.702	ng/ul	94
68) Atrazine	16.55	200	498134	89.621	ng/ul	96
69) Pentachlorophenol	16.72	266	295233	93.539	ng/ul	98
70) Phenanthrene	17.12	178	2460340	87.288	ng/ul	100
72) Anthracene	17.20	178	2563210	88.241	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	606379	75.157	ng/uL	99
74) Pentachlorobenzene	14.65	250	566722	76.261	ng/uL	97
75) Carbazole	17.47	167	2272977	88.590	ng/ul	99
76) Di-n-butylphthalate	18.05	149	2944027	95.448	ng/ul	99
77) Fluoranthene	19.13	202	2780852	90.485	ng/ul	99
80) Pvrene	19.49	202	2937835	83.054	ng/ul	98
81) Butylbenzylphthalate	20.39	149	1385662	90.343	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.17	252	992227	91.115	ng/ul	98
83) Benzo(a)anthracene	21.23	228	2809826	83.265	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2304713	100.588	ng/ul	98
85) Chrysene	21.29	228	2741863	83.754	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	3706699	93.645	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2869820	84.690	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2744404	86.787	ng/ul	99
91) Benzo(a)pyrene	23.37	252	2500553	84.958	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	3296211	88.591	ng/ul	95
93) Dibenzo(a,h)anthracene	25.71	278	2813535	88.597	ng/ul	99
94) Benzo(a,h,i)perylene	26.38	276	2603059	83.757	ng/ul	99

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

