

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM063020\
 Data File : BM026616.D
 Acq On : 30 Jun 2020 09:56
 Operator : JU/CG
 Sample : SSTD02005
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Manual Integrations
 APPROVED

mohammad
 7/1/2020 8:10:00 AM

Quant Time: Jun 30 10:40:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 30 10:35:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	59900	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	258046	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	158383	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	347168	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	367643	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	367331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	14252	8.34	ng/uL	0.00
5) Phenol-d5	6.56	99	104230	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	72407	20.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	78851	17.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	83925	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	37417	16.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	40451	16.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	79093	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.27	131	100274	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	238032	17.87	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	285478	17.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	33818	15.31	ng/ul	0.00
58) Fluorene-d10	15.02	176	208065	18.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	39527	17.40	ng/ul	0.00
71) Anthracene-d10	16.87	188	322472	18.25	ng/ul	0.00
79) Pyrene-d10	19.18	212	354560	17.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	383627	18.89	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	2.98	88	16213	8.562	ng/uL 100
4) Benzaldehyde	6.52	77	65869	20.778	ng/ul 100
6) Phenol	6.59	94	111819	18.504	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.80	93	88931	19.665	ng/ul 100
10) 2-Chlorophenol	6.93	128	85721	17.772	ng/ul 100
11) 2-Methylphenol	7.82	108	80774	18.391	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.89	45	174361m	22.587	ng/ul
14) Acetophenone	8.18	105	139718	19.599	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.17	70	83556	19.617	ng/ul 100
16) 4-Methylphenol	8.15	108	90366	18.999	ng/ul 100
17) Hexachloroethane	8.41	117	38234	18.663	ng/ul 100
20) Nitrobenzene	8.55	77	117338	18.811	ng/ul 100
21) Isophorone	9.07	82	200492	17.373	ng/ul 100
23) 2-Nitrophenol	9.25	139	46540	16.574	ng/ul 100
24) 2,4-Dimethylphenol	9.33	107	106611	18.058	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.56	93	120445	18.008	ng/ul 100
27) 2,4-Dichlorophenol	9.78	162	81640	17.438	ng/ul 100
28) Naphthalene	10.16	128	277982	17.715	ng/ul 100
30) 4-Chloroaniline	10.29	127	105615	21.052	ng/ul 100
31) Hexachlorobutadiene	10.45	225	57155	18.479	ng/ul 100
32) Caprolactam	11.07	113	23801m	16.166	ng/ul
33) 4-Chloro-3-methylphenol	11.43	107	94611	17.381	ng/ul 100
34) 2-Methylnaphthalene	11.79	142	195971	17.770	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.01	142	183469	17.896	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	106157	18.344	ng/ul	100
38) Hexachlorocyclopentadiene	12.15	237	48323	16.711	ng/ul	100
39) 2,4,6-Trichlorophenol	12.43	196	64057	17.112	ng/ul	100
40) 2,4,5-Trichlorophenol	12.50	196	69249	17.144	ng/ul	100
41) 1,1'-Biphenyl	12.83	154	254922	18.137	ng/ul	100
42) 2-Chloronaphthalene	12.87	162	198766	18.379	ng/ul	100
43) 2-Nitroaniline	13.10	65	70822	18.172	ng/ul	100
45) Dimethylphthalate	13.49	163	250071	18.082	ng/ul	100
46) 2,6-Dinitrotoluene	13.61	165	49477	17.208	ng/ul	100
48) Acenaphthylene	13.73	152	305510	17.953	ng/ul	100
49) 3-Nitroaniline	13.94	138	43548	16.870	ng/ul	100
50) Acenaphthene	14.08	153	215016	18.311	ng/ul	100
51) 2,4-Dinitrophenol	14.16	184	21469	14.616	ng/ul	100
53) 4-Nitrophenol	14.27	109	37407	19.401	ng/ul	100
54) Dibenzofuran	14.42	168	306188	18.470	ng/ul	100
55) 2,4-Dinitrotoluene	14.41	165	74754	17.950	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.66	232	61902	17.944	ng/ul	100
57) Diethylphthalate	14.87	149	254307	18.185	ng/ul	100
59) Fluorene	15.07	166	252912	18.484	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.08	204	130215	18.817	ng/ul	100
61) 4-Nitroaniline	15.12	138	46231m	15.776	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.18	198	43821	18.771	ng/ul	100
65) N-Nitrosodiphenylamine	15.30	169	215122	18.036	ng/ul	100
66) 4-Bromophenyl-phenylether	15.97	248	77118	17.707	ng/ul	100
67) Hexachlorobenzene	16.09	284	87494	17.956	ng/ul	100
68) Atrazine	16.27	200	76642	18.856	ng/ul	100
69) Pentachlorophenol	16.44	266	42309	18.164	ng/ul	100
70) Phenanthrene	16.82	178	398509	18.302	ng/ul	100
72) Anthracene	16.90	178	403243	18.068	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	106755	18.165	ng/uL	100
74) Pentachlorobenzene	14.34	250	103260	18.280	ng/uL	100
75) Carbazole	17.19	167	347020	18.712	ng/ul	100
76) Di-n-butylphthalate	17.77	149	406439	16.744	ng/ul	100
77) Fluoranthene	18.84	202	452562	19.025	ng/ul	100
80) Pvrene	19.21	202	480727	17.785	ng/ul	100
81) Butylbenzylphthalate	20.14	149	173855	15.108	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.92	252	147050	17.313	ng/ul	100
83) Benzo(a)anthracene	20.97	228	466854	17.826	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.94	149	265761	15.289	ng/ul	100
85) Chrysene	21.02	228	465590	18.313	ng/ul	100
87) Di-n-octyl phthalate	21.78	149	432599	16.406	ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	484183	19.221	ng/ul	100
89) Benzo(k)fluoranthene	22.50	252	471554	19.461	ng/ul	100
91) Benzo(a)pyrene	22.98	252	428956	19.330	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.09	276	554438	19.061	ng/ul	100
93) Dibenzo(a,h)anthracene	25.10	278	470913	19.402	ng/ul	100
94) Benzo(a,h,i)perylene	25.70	276	464727	19.126	ng/ul	100

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

