

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091920\
 Data File : BM027488.D
 Acq On : 19 Sep 2020 07:41
 Operator : JU/CG
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

mohammad
 9/21/2020 10:48:13 AM

Quant Time: Sep 19 08:15:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 19 07:00:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	160916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	656382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	495985	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1153165	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1002497	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	868425	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	34560	9.56	ng/uL	0.00
5) Phenol-d5	6.69	99	269736	20.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	184268	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	211177	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	220697	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	106321	21.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	123887	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	255425	21.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	283076	20.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	821944	20.83	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	967147	21.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	119500	17.19	ng/ul	0.00
58) Fluorene-d10	15.14	176	734199	20.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	136665	18.52	ng/ul	0.00
71) Anthracene-d10	16.99	188	1141732	20.94	ng/ul	0.00
79) Pyrene-d10	19.29	212	1218648	27.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	941566	20.21	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	38446	8.882	ng/uL 96
4) Benzaldehyde	6.65	77	191789	20.060	ng/ul 95
6) Phenol	6.72	94	296514	21.035	ng/ul 92
8) Bis(2-Chloroethyl)ether	6.93	93	239655	21.168	ng/ul 98
10) 2-Chlorophenol	7.07	128	222321	21.947	ng/ul 97
11) 2-Methylphenol	7.95	108	214910	20.656	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	178841	20.948	ng/ul 97
14) Acetophenone	8.32	105	383581	21.127	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.31	70	234593	22.582	ng/ul 99
16) 4-Methylphenol	8.27	108	235141	20.705	ng/ul 95
17) Hexachloroethane	8.56	117	107035	21.237	ng/ul 99
20) Nitrobenzene	8.68	77	330013	20.450	ng/ul 98
21) Isophorone	9.22	82	590015	21.542	ng/ul 99
23) 2-Nitrophenol	9.39	139	133999	22.777	ng/ul 98
24) 2,4-Dimethylphenol	9.46	107	292175	21.689	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.70	93	338634	21.763	ng/ul 99
27) 2,4-Dichlorophenol	9.92	162	254573	21.924	ng/ul 98
28) Naphthalene	10.32	128	723231	20.737	ng/ul 100
30) 4-Chloroaniline	10.43	127	298707	21.499	ng/ul 99
31) Hexachlorobutadiene	10.61	225	192512	21.020	ng/ul 98
32) Caprolactam	11.20	113	71234m	19.348	ng/ul
33) 4-Chloro-3-methylphenol	11.57	107	270155	21.844	ng/ul 99
34) 2-Methylnaphthalene	11.94	142	573659	21.756	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	542406	20.671	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	368578	22.107	ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	228727	20.966	ng/ul	99
39) 2,4,6-Trichlorophenol	12.57	196	236706	23.346	ng/ul	98
40) 2,4,5-Trichlorophenol	12.64	196	254901	23.277	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	804672	21.571	ng/ul	99
42) 2-Chloronaphthalene	13.01	162	635714	20.941	ng/ul	98
43) 2-Nitroaniline	13.22	65	198395	22.258	ng/ul	97
45) Dimethylphthalate	13.62	163	862882	20.747	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	175991	22.192	ng/ul	93
48) Acenaphthylene	13.86	152	967974	21.507	ng/ul	98
49) 3-Nitroaniline	14.05	138	146447	20.731	ng/ul	99
50) Acenaphthene	14.21	153	678175	20.982	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	75534	15.227	ng/ul#	88
53) 4-Nitrophenol	14.38	109	126719	17.495	ng/ul	99
54) Dibenzofuran	14.54	168	1015064	21.002	ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	256283	20.965	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.78	232	234203	21.580	ng/ul#	97
57) Diethylphthalate	14.99	149	891167	20.548	ng/ul	100
59) Fluorene	15.20	166	857006	20.631	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.20	204	466172	20.506	ng/ul	98
61) 4-Nitroaniline	15.22	138	152838	18.640	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.29	198	141677	17.732	ng/ul	93
65) N-Nitrosodiphenylamine	15.42	169	741815	22.812	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	303175	22.711	ng/ul	97
67) Hexachlorobenzene	16.21	284	351606	21.757	ng/ul	97
68) Atrazine	16.38	200	287685	20.421	ng/ul	98
69) Pentachlorophenol	16.55	266	171257	17.268	ng/ul	97
70) Phenanthrene	16.93	178	1383950	20.956	ng/ul	100
72) Anthracene	17.03	178	1415069	21.033	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	370496	24.408	ng/uL	99
74) Pentachlorobenzene	14.47	250	382227	22.834	ng/uL	97
75) Carbazole	17.30	167	1154276	20.269	ng/ul	100
76) Di-n-butylphthalate	17.89	149	1524427	21.554	ng/ul	99
77) Fluoranthene	18.96	202	1567606	19.264	ng/ul	99
80) Pvrene	19.33	202	1617415	26.670	ng/ul	99
81) Butylbenzylphthalate	20.25	149	598275	25.774	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	423403	19.231	ng/ul	97
83) Benzo(a)anthracene	21.08	228	1392246	21.434	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	862383	23.847	ng/ul	99
85) Chrysene	21.13	228	1325959	20.660	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	1311517	24.320	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1233659	21.517	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1197565	20.834	ng/ul	100
91) Benzo(a)pyrene	23.14	252	1032782	19.307	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.35	276	1240515	17.665	ng/ul	99
93) Dibenzo(a,h)anthracene	25.36	278	1023877	17.238	ng/ul	99
94) Benzo(a,h,i)perylene	25.99	276	1017114	17.329	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

