

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM010320\
 Data File : BM024418.D
 Acq On : 03 Jan 2020 17:32
 Operator : JU
 Sample : SSTD08002
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD16003

Quant Time: Jan 03 18:06:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 03 16:57:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	238210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1082161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	661975	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1240249	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	890603	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	878170	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.96	96	220226	40.84	ng/uL	-0.01
5) Phenol-d5	6.60	99	1938423	85.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	1241206	91.76	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	1431555	88.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	1527470	82.85	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	701866	90.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	804896	94.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	1459065	87.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	1635582	81.02	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	4031351	82.35	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	5123463	87.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	613524	69.81	ng/ul	0.00
58) Fluorene-d10	15.07	176	3454525	80.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	661409	87.42	ng/ul	0.00
71) Anthracene-d10	16.93	188	4848169	85.91	ng/ul	0.00
79) Pyrene-d10	19.24	212	4445004	104.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.03	264	3697785	84.77	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.00	88	229978	38.503	ng/uL	94
4) Benzaldehyde	6.56	77	1103729	75.695	ng/ul	98
6) Phenol	6.63	94	2040565	87.613	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.85	93	1565721	86.758	ng/ul	99
10) 2-Chlorophenol	6.97	128	1460311	88.512	ng/ul	99
11) 2-Methylphenol	7.86	108	1466916	84.710	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.94	45	1917514	92.254	ng/ul	99
14) Acetophenone	8.23	105	2394148	86.106	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	1419092	92.386	ng/ul	99
16) 4-Methylphenol	8.20	108	1592453	82.830	ng/ul	97
17) Hexachloroethane	8.45	117	628216	92.252	ng/ul	99
20) Nitrobenzene	8.60	77	2010337	93.008	ng/ul	98
21) Isophorone	9.13	82	3681743	91.131	ng/ul	99
23) 2-Nitrophenol	9.30	139	859497	91.312	ng/ul	94
24) 2,4-Dimethylphenol	9.38	107	1809475	89.115	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.61	93	2202553	87.757	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	1411983	86.798	ng/ul	99
28) Naphthalene	10.22	128	4723392	83.294	ng/ul	99
30) 4-Chloroaniline	10.35	127	1642295	80.603	ng/ul	99
31) Hexachlorobutadiene	10.50	225	880985	87.603	ng/ul	99
32) Caprolactam	11.17	113	270678	44.034	ng/ul	99
33) 4-Chloro-3-methylphenol	11.50	107	1656292	84.849	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	3329765	82.148	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	3359339	81.197	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	1635067	91.371	ng/ul	99
38) Hexachlorocyclopentadiene	12.20	237	804067	99.722	ng/ul	96
39) 2,4,6-Trichlorophenol	12.49	196	1099809	92.930	ng/ul	99
40) 2,4,5-Trichlorophenol	12.56	196	1151331	90.243	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	4354465	88.125	ng/ul	100
42) 2-Chloronaphthalene	12.93	162	3426244	88.255	ng/ul	99
43) 2-Nitroaniline	13.16	65	1139160	100.081	ng/ul	97
45) Dimethylphthalate	13.55	163	4134292	81.265	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	893554	89.164	ng/ul	91
48) Acenaphthylene	13.79	152	5355943	86.007	ng/ul	99
49) 3-Nitroaniline	14.00	138	712434	74.905	ng/ul	100
50) Acenaphthene	14.13	153	3617344	84.483	ng/ul	99
51) 2,4-Dinitrophenol	14.23	184	426580	75.747	ng/ul	97
53) 4-Nitrophenol	14.34	109	544535	77.697	ng/ul	98
54) Dibenzofuran	14.47	168	4917698	82.616	ng/ul	98
55) 2,4-Dinitrotoluene	14.47	165	1277647	84.421	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.72	232	957659	83.029	ng/ul	92
57) Diethylphthalate	14.93	149	4246167	82.093	ng/ul	98
59) Fluorene	15.13	166	4221502	83.980	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.13	204	2095699	85.735	ng/ul	98
61) 4-Nitroaniline	15.18	138	666553	63.470	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.24	198	699234	86.528	ng/ul#	98
65) N-Nitrosodiphenylamine	15.35	169	3324201	92.182	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	1264649	95.929	ng/ul	94
67) Hexachlorobenzene	16.14	284	1464332	90.715	ng/ul	96
68) Atrazine	16.33	200	1154082	86.095	ng/ul	99
69) Pentachlorophenol	16.49	266	697967	82.513	ng/ul	99
70) Phenanthrene	16.87	178	5867985	84.511	ng/ul	99
72) Anthracene	16.96	178	6028538	86.362	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	1631294	104.801	ng/uL	99
74) Pentachlorobenzene	14.40	250	1680145	98.008	ng/uL	99
75) Carbazole	17.24	167	4816398	80.319	ng/ul	99
76) Di-n-butylphthalate	17.82	149	6548084	91.050	ng/ul	99
77) Fluoranthene	18.90	202	5992279	79.180	ng/ul	97
80) Pvrene	19.27	202	6033346	103.769	ng/ul	99
81) Butylbenzylphthalate	20.20	149	2540395	110.906	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.97	252	1582266	80.032	ng/ul	98
83) Benzo(a)anthracene	21.03	228	4840732	85.309	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	3722593	109.056	ng/ul	98
85) Chrysene	21.09	228	4678167	84.113	ng/ul	100
87) Di-n-octyl phthalate	21.83	149	5716454	120.479	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	4739445	90.198	ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	4572344	88.687	ng/ul	99
91) Benzo(a)pyrene	23.08	252	4084274	85.923	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.26	276	4531404	79.390	ng/ul	98
93) Dibenzo(a,h)anthracene	25.26	278	3653495	76.348	ng/ul	99
94) Benzo(a,h,i)perylene	25.89	276	3888153	83.432	ng/ul	99

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

