

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017315.D
 Acq On : 24 Oct 2018 13:45
 Operator : MJ/SJ
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SICV72

Manual Integrations
 APPROVED

Sohil
 10/25/2018 3:33:50 PM

Quant Time: Oct 24 15:33:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 24 13:56:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	255300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1161077	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	703241	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1700917	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2039131	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2207427	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	44207	7.97	ng/uL	0.00
5) Phenol-d5	6.84	99	452821	19.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	274423	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	369272	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	368040	19.96	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	184816	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	206277	20.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	386612	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	308251	19.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1233910	20.46	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1503592	20.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	222457	19.75	ng/ul	0.00
58) Fluorene-d10	15.30	176	1059792	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	226052	19.07	ng/ul	0.00
71) Anthracene-d10	17.15	188	1679798	19.95	ng/ul	0.00
79) Pyrene-d10	19.45	212	1942802	20.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2389541	20.50	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.26	88	44450	7.950	ng/uL 93
4) Benzaldehyde	6.82	77	85827m	19.311	ng/ul
6) Phenol	6.86	94	455589	19.674	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.09	93	351629	20.044	ng/ul 99
10) 2-Chlorophenol	7.23	128	369465	20.342	ng/ul 96
11) 2-Methylphenol	8.10	108	350766	20.113	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.19	45	474266	20.287	ng/ul 98
14) Acetophenone	8.48	105	578003	20.343	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.46	70	290426	20.811	ng/ul 99
16) 4-Methylphenol	8.43	108	379137	20.185	ng/ul 96
17) Hexachloroethane	8.72	117	142618	20.080	ng/ul 96
20) Nitrobenzene	8.85	77	425338	19.833	ng/ul 99
21) Isophorone	9.37	82	803251	20.632	ng/ul 99
23) 2-Nitrophenol	9.56	139	219226	20.448	ng/ul 98
24) 2,4-Dimethylphenol	9.62	107	433176	20.323	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.86	93	503078	20.366	ng/ul 99
27) 2,4-Dichlorophenol	10.09	162	369146	20.385	ng/ul 99
28) Naphthalene	10.48	128	1209488	19.912	ng/ul 100
30) 4-Chloroaniline	10.60	127	314498	19.937	ng/ul 99
31) Hexachlorobutadiene	10.76	225	237079	19.795	ng/ul 96
32) Caprolactam	11.38	113	124059	20.195	ng/ul 97
33) 4-Chloro-3-methylphenol	11.73	107	413343	20.757	ng/ul 98
34) 2-Methylnaphthalene	12.10	142	904456	20.264	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	861481	20.131	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	474245	20.065	ng/ul	99
38) Hexachlorocyclopentadiene	12.45	237	287139	19.052	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	307726	20.522	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	331677	20.552	ng/ul	98
41) 1,1'-Biphenyl	13.13	154	1163201	19.994	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	915619	20.143	ng/ul	99
43) 2-Nitroaniline	13.38	65	265057	20.682	ng/ul	98
45) Dimethylphthalate	13.77	163	1184836	20.278	ng/ul	100
46) 2,6-Dinitrotoluene	13.89	165	248635	21.202	ng/ul	97
48) Acenaphthylene	14.02	152	1412520	20.554	ng/ul	99
49) 3-Nitroaniline	14.22	138	217006	19.632	ng/ul	95
50) Acenaphthene	14.36	153	993897	20.199	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	144982	18.609	ng/ul	96
53) 4-Nitrophenol	14.53	109	170635	19.975	ng/ul	95
54) Dibenzofuran	14.70	168	1406383	20.176	ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	370856	21.198	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.93	232	308529	20.655	ng/ul	99
57) Diethylphthalate	15.14	149	1197040	20.492	ng/ul	99
59) Fluorene	15.35	166	1162689	20.235	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	595675	20.260	ng/ul	99
61) 4-Nitroaniline	15.39	138	272962	20.595	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.44	198	236736	19.561	ng/ul	96
65) N-Nitrosodiphenylamine	15.57	169	1029355	20.139	ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	386388	20.229	ng/ul	96
67) Hexachlorobenzene	16.36	284	428686	19.894	ng/ul	96
68) Atrazine	16.53	200	374582	19.921	ng/ul	96
69) Pentachlorophenol	16.70	266	260344	19.346	ng/ul	99
70) Phenanthrene	17.09	178	1934893	19.810	ng/ul	100
72) Anthracene	17.19	178	1988418	20.044	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	472979	19.722	ng/uL	98
74) Pentachlorobenzene	14.62	250	482534	19.558	ng/uL	98
75) Carbazole	17.46	167	1770612	20.412	ng/ul	99
76) Di-n-butylphthalate	18.03	149	2070398	20.427	ng/ul	100
77) Fluoranthene	19.12	202	2350938	20.998	ng/ul	99
80) Pyrene	19.48	202	2418424	20.424	ng/ul	100
81) Butylbenzylphthalate	20.39	149	991974	20.986	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.17	252	806970	20.234	ng/ul	100
83) Benzo(a)anthracene	21.23	228	2515058	20.155	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1463539	21.187	ng/ul	99
85) Chrysene	21.29	228	2399286	20.220	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	2541489	22.104	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2735803	21.173	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	2504264	19.841	ng/ul	100
91) Benzo(a)pyrene	23.36	252	2565693	20.325	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	3050735	19.863	ng/ul	99
93) Dibenzo(a,h)anthracene	25.68	278	2558168	19.946	ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	2557895	19.604	ng/ul	97

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

