

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024124.D
 Acq On : 17 Dec 2019 15:57
 Operator : JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV090

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:42:35 PM

Quant Time: Dec 17 17:07:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	370203	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1732906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	1160898	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2552348	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2571231	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	2851288	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	65517	7.82	ng/uL	0.00
5) Phenol-d5	6.65	99	644199	18.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	396851	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	482712	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	531196	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	243265	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	278132	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	523196	19.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	633520	19.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1669700	19.45	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2055331	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	284670	18.47	ng/ul	0.00
58) Fluorene-d10	15.12	176	1460996	19.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	288256	18.51	ng/ul	0.00
71) Anthracene-d10	16.97	188	2262798	19.48	ng/ul	0.00
79) Pyrene-d10	19.28	212	2416265	19.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	2767219	19.54	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.04	88	70243	7.567	ng/uL 94
4) Benzaldehyde	6.62	77	447700	19.757	ng/ul 94
6) Phenol	6.68	94	665561	18.388	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.90	93	532860	18.999	ng/ul 98
10) 2-Chlorophenol	7.02	128	491910	19.185	ng/ul 97
11) 2-Methylphenol	7.92	108	504972	18.764	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	7.99	45	607836m	18.817	ng/ul
14) Acetophenone	8.28	105	827937	19.160	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.27	70	468066	19.608	ng/ul 99
16) 4-Methylphenol	8.24	108	559518	18.726	ng/ul 98
17) Hexachloroethane	8.51	117	200864	18.980	ng/ul 98
20) Nitrobenzene	8.65	77	671782	19.409	ng/ul 97
21) Isophorone	9.18	82	1269196	19.618	ng/ul 100
23) 2-Nitrophenol	9.36	139	303857	20.159	ng/ul 98
24) 2,4-Dimethylphenol	9.43	107	629491	19.360	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.66	93	775403	19.293	ng/ul 99
27) 2,4-Dichlorophenol	9.89	162	509616	19.563	ng/ul 98
28) Naphthalene	10.27	128	1738067	19.140	ng/ul 100
30) 4-Chloroaniline	10.40	127	630653	19.329	ng/ul 99
31) Hexachlorobutadiene	10.56	225	310745	19.296	ng/ul 99
32) Caprolactam	11.19	113	180758m	18.363	ng/ul
33) 4-Chloro-3-methylphenol	11.55	107	605232	19.362	ng/ul 99
34) 2-Methylnaphthalene	11.90	142	1261636	19.437	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	1282040	19.351	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	616101	19.632	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	244679	17.304	ng/ul	96
39) 2,4,6-Trichlorophenol	12.53	196	413540	19.925	ng/ul	99
40) 2,4,5-Trichlorophenol	12.61	196	440801	19.702	ng/ul	97
41) 1,1'-Biphenyl	12.94	154	1693358	19.542	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	1336480	19.630	ng/ul	99
43) 2-Nitroaniline	13.20	65	398858	19.982	ng/ul	98
45) Dimethylphthalate	13.59	163	1744378	19.552	ng/ul	98
46) 2,6-Dinitrotoluene	13.71	165	362332	20.617	ng/ul	98
48) Acenaphthylene	13.83	152	2168521	19.857	ng/ul	99
49) 3-Nitroaniline	14.04	138	329502	19.755	ng/ul	99
50) Acenaphthene	14.18	153	1469357	19.568	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	161053	16.307	ng/ul	96
53) 4-Nitrophenol	14.37	109	226919	18.463	ng/ul	93
54) Dibenzofuran	14.52	168	2028815	19.435	ng/ul	99
55) 2,4-Dinitrotoluene	14.51	165	534227	20.129	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.76	232	397861	19.670	ng/ul	99
57) Diethylphthalate	14.97	149	1776280	19.583	ng/ul	100
59) Fluorene	15.17	166	1720296	19.515	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	825272	19.252	ng/ul	99
61) 4-Nitroaniline	15.21	138	356619	19.364	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.28	198	311342	18.721	ng/ul	98
65) N-Nitrosodiphenylamine	15.39	169	1472061	19.836	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	533727	19.673	ng/ul	98
67) Hexachlorobenzene	16.18	284	650845	19.592	ng/ul	98
68) Atrazine	16.36	200	527113	19.108	ng/ul	99
69) Pentachlorophenol	16.53	266	311803	17.912	ng/ul	97
70) Phenanthrene	16.92	178	2779891	19.455	ng/ul	99
72) Anthracene	17.00	178	2841841	19.782	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	622680	19.439	ng/uL	98
74) Pentachlorobenzene	14.44	250	690074	19.560	ng/uL	97
75) Carbazole	17.28	167	2447857	19.836	ng/ul	100
76) Di-n-butylphthalate	17.86	149	2974840	20.100	ng/ul	100
77) Fluoranthene	18.94	202	3200155	20.548	ng/ul	97
80) Pvrene	19.31	202	3314611	19.746	ng/ul	97
81) Butylbenzylphthalate	20.23	149	1344576	20.332	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.01	252	1114807	19.531	ng/ul	99
83) Benzo(a)anthracene	21.07	228	3206825	19.575	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1963153	19.920	ng/ul	99
85) Chrysene	21.12	228	3096817	19.286	ng/ul	100
87) Di-n-octyl phthalate	21.88	149	3306510	21.463	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	3416953	20.028	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	3289421	19.651	ng/ul	99
91) Benzo(a)pyrene	23.13	252	3014676	19.533	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.33	276	3417976	18.443	ng/ul	98
93) Dibenzo(a,h)anthracene	25.34	278	2852729	18.361	ng/ul	100
94) Benzo(a,h,i)perylene	25.97	276	2785530	18.409	ng/ul	98

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

