

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\
 Data File : BM024031.D
 Acq On : 07 Dec 2019 00:03
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02022

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:09:17 PM

Quant Time: Dec 07 01:22:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 06 22:30:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	474106	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1976737	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	1245318	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	2582093	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	2418402	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	2845200	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	89379	8.39	ng/uL	0.00
5) Phenol-d5	6.67	99	802697	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	486890	20.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	633028	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	629694	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	298941	19.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	338657	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	646537	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	789237	21.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1918071	19.82	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	2224543	19.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	320000	19.67	ng/ul	0.00
58) Fluorene-d10	15.14	176	1606167	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	308086	19.01	ng/ul	0.00
71) Anthracene-d10	16.99	188	2410418	19.55	ng/ul	0.00
79) Pyrene-d10	19.30	212	2516243	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2939530	19.55	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.06	88	96513	8.445	ng/uL 96
4) Benzaldehyde	6.63	77	338067	15.448	ng/ul 96
6) Phenol	6.69	94	855371	20.011	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.92	93	682764	20.543	ng/ul 99
10) 2-Chlorophenol	7.05	128	675344	20.550	ng/ul 98
11) 2-Methylphenol	7.93	108	626040	19.633	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.01	45	760554	21.075	ng/ul 99
14) Acetophenone	8.30	105	1003266	20.017	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.29	70	561477	20.951	ng/ul 98
16) 4-Methylphenol	8.26	108	691972	19.941	ng/ul 99
17) Hexachloroethane	8.53	117	278600	20.553	ng/ul 99
20) Nitrobenzene	8.67	77	782365	20.991	ng/ul 99
21) Isophorone	9.20	82	1483106	20.961	ng/ul 99
23) 2-Nitrophenol	9.37	139	382174	20.715	ng/ul 99
24) 2,4-Dimethylphenol	9.45	107	757120	20.338	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.68	93	930455	20.960	ng/ul 99
27) 2,4-Dichlorophenol	9.90	162	651294	20.524	ng/ul 96
28) Naphthalene	10.30	128	2112539	20.271	ng/ul 99
30) 4-Chloroaniline	10.42	127	833627	22.354	ng/ul 97
31) Hexachlorobutadiene	10.59	225	406915	20.308	ng/ul 94
32) Caprolactam	11.21	113	190152m	19.844	ng/ul
33) 4-Chloro-3-methylphenol	11.56	107	704939	20.989	ng/ul 98
34) 2-Methylnaphthalene	11.92	142	1542535	20.385	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1493068	20.097	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	773598	19.916	ng/ul	100
38) Hexachlorocyclopentadiene	12.28	237	412879	22.811	ng/ul	100
39) 2,4,6-Trichlorophenol	12.55	196	509916	20.152	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	548882	20.405	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	2014561	20.022	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	1549851	20.131	ng/ul	100
43) 2-Nitroaniline	13.22	65	437318	21.854	ng/ul	97
45) Dimethylphthalate	13.61	163	1957608	20.668	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	395866	21.361	ng/ul	98
48) Acenaphthylene	13.85	152	2370991	20.676	ng/ul	99
49) 3-Nitroaniline	14.06	138	357805	20.646	ng/ul	97
50) Acenaphthene	14.20	153	1662890	20.411	ng/ul	100
51) 2,4-Dinitrophenol	14.28	184	229493	23.231	ng/ul	98
53) 4-Nitrophenol	14.38	109	253025	21.108	ng/ul	97
54) Dibenzofuran	14.54	168	2351888	20.404	ng/ul	98
55) 2,4-Dinitrotoluene	14.53	165	577819	21.436	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.77	232	481900	20.336	ng/ul	100
57) Diethylphthalate	14.99	149	1992023	21.017	ng/ul	99
59) Fluorene	15.19	166	1915640	20.607	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	951614	20.319	ng/ul	99
61) 4-Nitroaniline	15.23	138	331576	16.960	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.30	198	345811	19.866	ng/ul#	97
65) N-Nitrosodiphenylamine	15.41	169	1681040	20.558	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	628622	19.969	ng/ul	97
67) Hexachlorobenzene	16.20	284	732783	20.084	ng/ul	99
68) Atrazine	16.38	200	584430	20.388	ng/ul	98
69) Pentachlorophenol	16.55	266	395489	19.128	ng/ul	96
70) Phenanthrene	16.93	178	2986491	20.474	ng/ul	100
72) Anthracene	17.02	178	3043448	20.551	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	758435	19.530	ng/uL	100
74) Pentachlorobenzene	14.46	250	817125	19.567	ng/uL	98
75) Carbazole	17.30	167	2632668	20.530	ng/ul	99
76) Di-n-butylphthalate	17.88	149	3412238	21.399	ng/ul	100
77) Fluoranthene	18.96	202	3330335	21.290	ng/ul	97
80) Pvrene	19.33	202	3386244	20.781	ng/ul	97
81) Butylbenzylphthalate	20.25	149	1481015	21.394	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	1154780	18.885	ng/ul	100
83) Benzo(a)anthracene	21.09	228	3313935	20.501	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	2190504	21.290	ng/ul	99
85) Chrysene	21.13	228	3104971	20.454	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	3644036	21.903	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	3598805	20.453	ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	3360278	20.118	ng/ul	98
91) Benzo(a)pyrene	23.14	252	3403257	20.456	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.36	276	4169939	20.185	ng/ul	99
93) Dibenzo(a,h)anthracene	25.37	278	3503837	20.193	ng/ul	98
94) Benzo(a,h,i)perylene	26.00	276	3462354	20.012	ng/ul	99

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

