

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024211.D
 Acq On : 20 Dec 2019 19:39
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020140

Manual Integrations
 APPROVED

mohammad
 12/23/2019 11:55:46 AM

Quant Time: Dec 21 01:43:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 21 00:34:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	276896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1260322	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	826773	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1730477	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1652352	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1862379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	55032	8.78	ng/uL	0.00
5) Phenol-d5	6.63	99	487626	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	324935	20.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	379865	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	388394	18.12	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	181603	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	197158	19.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	399341	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	489373	20.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1248184	20.42	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1430082	19.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	182549	16.63	ng/ul	0.00
58) Fluorene-d10	15.10	176	1043961	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	188672	17.87	ng/ul	0.00
71) Anthracene-d10	16.95	188	1576755	20.03	ng/ul	0.00
79) Pyrene-d10	19.26	212	1675556	21.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1885801	20.39	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.02	88	61551	8.865	ng/uL 95
4) Benzaldehyde	6.59	77	268055	15.815	ng/ul 99
6) Phenol	6.66	94	532137	19.656	ng/ul 99
8) Bis(2-Chloroethyl)ether	6.88	93	433798	20.679	ng/ul 98
10) 2-Chlorophenol	7.00	128	406025	21.171	ng/ul 98
11) 2-Methylphenol	7.89	108	386746	19.213	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	538089	22.271	ng/ul 99
14) Acetophenone	8.26	105	657432	20.341	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.25	70	381838	21.385	ng/ul 99
16) 4-Methylphenol	8.22	108	437047	19.556	ng/ul 100
17) Hexachloroethane	8.49	117	176861	22.343	ng/ul 97
20) Nitrobenzene	8.63	77	533806	21.205	ng/ul 98
21) Isophorone	9.16	82	988492	21.009	ng/ul 100
23) 2-Nitrophenol	9.33	139	234625	21.403	ng/ul 91
24) 2,4-Dimethylphenol	9.41	107	499296	21.114	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.64	93	630766	21.579	ng/ul 99
27) 2,4-Dichlorophenol	9.86	162	406385	21.450	ng/ul 99
28) Naphthalene	10.25	128	1360791	20.605	ng/ul 99
30) 4-Chloroaniline	10.38	127	525366	22.140	ng/ul 99
31) Hexachlorobutadiene	10.53	225	258885	22.104	ng/ul 98
32) Caprolactam	11.17	113	118089m	16.495	ng/ul
33) 4-Chloro-3-methylphenol	11.52	107	455522	20.037	ng/ul 99
34) 2-Methylnaphthalene	11.88	142	1010592	21.408	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	960136	19.926	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	493084	22.062	ng/ul	99
38) Hexachlorocyclopentadiene	12.23	237	210787	20.931	ng/ul	94
39) 2,4,6-Trichlorophenol	12.52	196	319117	21.590	ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	329281	20.665	ng/ul	98
41) 1,1'-Biphenyl	12.92	154	1319689	21.384	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	1005994	20.748	ng/ul	100
43) 2-Nitroaniline	13.18	65	300019	21.104	ng/ul	95
45) Dimethylphthalate	13.57	163	1295407	20.388	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	254902	20.366	ng/ul	98
48) Acenaphthylene	13.82	152	1551408	19.947	ng/ul	99
49) 3-Nitroaniline	14.02	138	220553	18.567	ng/ul	95
50) Acenaphthene	14.16	153	1094406	20.465	ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	110526	15.714	ng/ul	94
53) 4-Nitrophenol	14.36	109	158346	18.090	ng/ul	94
54) Dibenzofuran	14.50	168	1549216	20.839	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	379135	20.058	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.74	232	301336	20.918	ng/ul	95
57) Diethylphthalate	14.95	149	1361284	21.072	ng/ul	100
59) Fluorene	15.16	166	1267276	20.185	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	633304	20.744	ng/ul	97
61) 4-Nitroaniline	15.20	138	197622	15.067	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.26	198	213388	18.925	ng/ul	93
65) N-Nitrosodiphenylamine	15.37	169	1099509	21.853	ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	409524	22.264	ng/ul	98
67) Hexachlorobenzene	16.16	284	473962	21.044	ng/ul	99
68) Atrazine	16.34	200	384109	20.537	ng/ul	99
69) Pentachlorophenol	16.52	266	226935	19.228	ng/ul	97
70) Phenanthrene	16.90	178	1976294	20.399	ng/ul	99
72) Anthracene	16.99	178	2019348	20.733	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	495754	22.827	ng/uL	100
74) Pentachlorobenzene	14.42	250	527896	22.070	ng/uL	97
75) Carbazole	17.27	167	1752272	20.943	ng/ul	99
76) Di-n-butylphthalate	17.84	149	2319336	23.114	ng/ul	99
77) Fluoranthene	18.93	202	2236056	21.176	ng/ul	99
80) Pvrene	19.29	202	2303680	21.356	ng/ul	100
81) Butylbenzylphthalate	20.22	149	1051795	24.750	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.00	252	714324	19.474	ng/ul	99
83) Benzo(a)anthracene	21.06	228	2278035	21.639	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1648410	26.028	ng/ul	100
85) Chrysene	21.10	228	2139837	20.737	ng/ul	100
87) Di-n-octyl phthalate	21.86	149	2694966	26.782	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2438639	21.884	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	2222195	20.324	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2235488	22.176	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2656777	21.948	ng/ul	100
93) Dibenzo(a,h)anthracene	25.30	278	2230950	21.983	ng/ul	99
94) Benzo(a,h,i)perylene	25.94	276	2214123	22.403	ng/ul	99

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

