

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072719\
 Data File : BM021679.D
 Acq On : 27 Jul 2019 08:53
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02005

Manual Integrations
 APPROVED

mohammad
 7/29/2019 2:29:28 PM

Quant Time: Jul 29 04:53:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	120111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	475291	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	305913	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	630843	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	663507	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	720198	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22369	8.96	ng/uL	0.00
5) Phenol-d5	6.86	99	185496	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	110031	21.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	157560	21.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	151076	19.93	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	74923	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	81747	20.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	173637	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	159472	20.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	498448	21.11	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	596479	21.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	69043	19.26	ng/ul	0.00
57) Fluorene-d10	15.33	176	443199	21.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	73932	18.85	ng/ul	0.00
70) Anthracene-d10	17.18	188	680888	21.45	ng/ul	0.00
78) Pyrene-d10	19.48	212	760157	20.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	814061	21.36	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	21551	8.592	ng/uL 98
4) Benzaldehyde	6.85	77	94152	21.187	ng/ul 97
6) Phenol	6.89	94	199824	20.724	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.12	93	153316	21.158	ng/ul 99
10) 2-Chlorophenol	7.25	128	168140	20.909	ng/ul 99
11) 2-Methylphenol	8.13	108	150746	20.297	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	197593	21.270	ng/ul 100
14) Acetophenone	8.51	105	262287	20.778	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.49	70	127467	20.602	ng/ul 99
16) 4-Methylphenol	8.46	108	166145	20.224	ng/ul 97
17) Hexachloroethane	8.74	117	78004	21.196	ng/ul 99
20) Nitrobenzene	8.89	77	204454	21.538	ng/ul 100
21) Isophorone	9.41	82	364135	21.331	ng/ul 99
23) 2-Nitrophenol	9.59	139	93555	21.148	ng/ul 97
24) 2,4-Dimethylphenol	9.65	107	194941	21.122	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.89	93	219647	21.280	ng/ul 98
27) 2,4-Dichlorophenol	10.12	162	178586	21.281	ng/ul 99
28) Naphthalene	10.52	128	557065	21.276	ng/ul 99
30) 4-Chloroaniline	10.64	127	174480	20.522	ng/ul 100
31) Hexachlorobutadiene	10.77	225	137640	21.319	ng/ul 98
32) Caprolactam	11.46	113	38353m	18.213	ng/ul
33) 4-Chloro-3-methylphenol	11.76	107	174126	20.839	ng/ul 99
34) 2-Methylnaphthalene	12.13	142	410862	21.135	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	254599	21.313	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	130399	19.914	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	148161	21.023	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	157058	20.665	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	544785	21.176	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	427157	21.184	ng/ul	99
42) 2-Nitroaniline	13.43	65	87717	20.596	ng/ul	93
44) Dimethylphthalate	13.79	163	521745	21.289	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	87614	21.481	ng/ul	100
47) Acenaphthylene	14.05	152	646402	21.496	ng/ul	99
48) 3-Nitroaniline	14.26	138	58771	17.758	ng/ul	98
49) Acenaphthene	14.39	153	445142	21.234	ng/ul	100
50) 2,4-Dinitrophenol	14.47	184	40914	16.340	ng/ul	99
52) 4-Nitrophenol	14.57	109	64656	19.922	ng/ul	98
53) Dibenzofuran	14.73	168	659818	21.424	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	142733	22.356	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.96	232	141198	21.002	ng/ul	99
56) Diethylphthalate	15.16	149	498024	21.478	ng/ul	99
58) Fluorene	15.38	166	520296	21.127	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	291817	21.198	ng/ul	100
60) 4-Nitroaniline	15.43	138	58590	17.383	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	85538	19.542	ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	440574	21.458	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	180332	21.102	ng/ul	99
66) Hexachlorobenzene	16.37	284	215005	21.559	ng/ul	99
67) Atrazine	16.56	200	142488	19.535	ng/ul	97
68) Pentachlorophenol	16.73	266	112370	19.490	ng/ul	98
69) Phenanthrene	17.12	178	823783	21.682	ng/ul	100
71) Anthracene	17.22	178	840582	21.598	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	246281	20.842	ng/ul	99
73) Pentachlorobenzene	14.64	250	253691	21.083	ng/ul	97
74) Carbazole	17.50	167	692150	21.480	ng/ul	99
75) Di-n-butylphthalate	18.05	149	740966	20.845	ng/ul	99
76) Fluoranthene	19.14	202	964750	21.766	ng/ul	99
79) Pvrene	19.51	202	1012922	20.460	ng/ul	99
80) Butylbenzylphthalate	20.42	149	300034	19.644	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.20	252	233883	19.266	ng/ul	100
82) Benzo(a)anthracene	21.26	228	1035508	21.431	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.18	149	434117	19.743	ng/ul	100
84) Chrysene	21.31	228	986535	21.657	ng/ul	100
86) Di-n-octyl phthalate	22.06	149	780554	18.362	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	1020512	20.825	ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	1035826	21.621	ng/ul	100
90) Benzo(a)pyrene	23.41	252	987887	21.532	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.75	276	1179418	22.168	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	980503	22.166	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	969073	21.905	ng/ul	99

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

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