Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
Data File : BM020761.D
Acq On : 06 Jun 2019 11:53
Operator : HP/JU
Sample : SSTD02013
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Manual Integrations APPROVED
mohammad
6/7/2019 2:14:01 PM

Quant Time: Jun 06 13:02:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:49:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	258022	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1089382	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	653397	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1485033	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1432223	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1583627	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	47303	6.77	ng/uL	0.00
5) Phenol-d5	6.97	99	423790	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	261875	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	350388	23.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	351621	23.46	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	167493	23.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	171646	21.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	364942	22.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	466227	27.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1119079	23.81	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1410211	23.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	189343	27.74	ng/ul	0.00
57) Fluorene-d10	15.44	176	946152	22.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	150983	17.85	ng/ul	0.00
70) Anthracene-d10	17.29	188	1465364	23.01	ng/ul	0.00
78) Pyrene-d10	19.59	212	1547512	22.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1609896	22.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	50563	6.930	ng/uL	100
4) Benzaldehyde	6.96	77	317133	17.985	ng/ul	100
6) Phenol	7.00	94	445462	20.573	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.24	93	350721	21.433	ng/ul	100
10) 2-Chlorophenol	7.37	128	358494	23.269	ng/ul	100
11) 2-Methylphenol	8.25	108	333034	22.630	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	465072	41.794	ng/ul	100
14) Acetophenone	8.63	105	559367	21.857	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	296993	20.335	ng/ul	100
16) 4-Methylphenol	8.57	108	368718	23.129	ng/ul	100
17) Hexachloroethane	8.89	117	152543	20.966	ng/ul	100
20) Nitrobenzene	9.02	77	425673	18.440	ng/ul	100
21) Isophorone	9.53	82	807527	20.217	ng/ul	100
23) 2-Nitrophenol	9.72	139	193009	22.827	ng/ul	100
24) 2,4-Dimethylphenol	9.77	107	422863	21.808	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	489192	22.641	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	359315	22.342	ng/ul	100
28) Naphthalene	10.66	128	1160009	23.177	ng/ul	100
30) 4-Chloroaniline	10.77	127	474812	27.193	ng/ul	100
31) Hexachlorobutadiene	10.93	225	239718	17.126	ng/ul	100
32) Caprolactam	11.54	113	108259m	23.588	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	389597	23.969	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	859836	23.727	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	463189	19.663	ng/ul	100
37) Hexachlorocyclopentadiene	12.61	237	274945	19.507	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	291483	21.177	ng/ul	100
39) 2,4,5-Trichlorophenol	12.94	196	321555	23.646	ng/ul	100
40) 1,1'-Biphenyl	13.28	154	1147340	24.528	ng/ul	100
41) 2-Chloronaphthalene	13.32	162	881935	23.681	ng/ul	100
42) 2-Nitroaniline	13.53	65	237562	24.905	ng/ul	100
44) Dimethylphthalate	13.91	163	1125067	24.192	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	215594	26.557	ng/ul	100
47) Acenaphthylene	14.17	152	1359840	24.523	ng/ul	100
48) 3-Nitroaniline	14.36	138	207067	30.359	ng/ul	100
49) Acenaphthene	14.52	153	941340	24.693	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	98202	19.529	ng/ul	100
52) 4-Nitrophenol	14.66	109	154987	21.720	ng/ul	100
53) Dibenzofuran	14.85	168	1338469	23.186	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	312615	25.165	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	268933	19.650	ng/ul	100
56) Diethylphthalate	15.27	149	1133883	25.209	ng/ul	100
58) Fluorene	15.50	166	1085579	23.474	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	573688	21.143	ng/ul	100
60) 4-Nitroaniline	15.52	138	239245	32.249	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.57	198	165740	18.831	ng/ul	100
64) N-Nitrosodiphenylamine	15.71	169	938504	25.541	ng/ul	100
65) 4-Bromophenyl-phenylether	16.39	248	355915	21.966	ng/ul	100
66) Hexachlorobenzene	16.49	284	405080	21.334	ng/ul	100
67) Atrazine	16.66	200	337235	22.422	ng/ul	100
68) Pentachlorophenol	16.84	266	217041	19.642	ng/ul	100
69) Phenanthrene	17.24	178	1680157	23.745	ng/ul	100
71) Anthracene	17.33	178	1733997	24.091	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	475816	20.979	ng/uL	100
73) Pentachlorobenzene	14.76	250	462255	20.943	ng/uL	100
74) Carbazole	17.60	167	1492192	24.425	ng/ul	100
75) Di-n-butylphthalate	18.16	149	1909291	28.793	ng/ul	100
76) Fluoranthene	19.25	202	1932127	21.617	ng/ul	100
79) Pyrene	19.62	202	1987398	23.119	ng/ul	100
80) Butylbenzylphthalate	20.52	149	830925	30.828	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.30	252	723766	27.571	ng/ul	100
82) Benzo(a)anthracene	21.36	228	2034619	23.603	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	1317774	33.683	ng/ul	100
84) Chrysene	21.41	228	1878523	22.803	ng/ul	100
86) Di-n-octyl phthalate	22.18	149	2159169	28.075	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	2057501	22.765	ng/ul	100
88) Benzo(k)fluoranthene	23.02	252	1963897	22.122	ng/ul	100
90) Benzo(a)pyrene	23.56	252	1945668	22.875	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.97	276	2323604	23.975	ng/ul	100
92) Dibenzo(a,h)anthracene	25.99	278	1975527	23.836	ng/ul	100
93) Benzo(g,h,i)perylene	26.68	276	1882606	23.466	ng/ul	100

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

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