Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120318\
Data File : BM017879.D
Acq On : 03 Dec 2018 16:25
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02078

Manual Integrations APPROVED
mohammad
12/4/2018 5:38:25 PM

Quant Time: Dec 04 00:35:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 04 00:18:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	272240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1248966	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	752649	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1687110	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1730231	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1485409	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	42228	7.10	ng/uL	0.00
5) Phenol-d5	6.77	99	482158	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	284765	18.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	394170	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	394663	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	194413	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	224816	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	419718	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	378877	21.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1221196	18.70	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1567643	19.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	215291	18.13	ng/ul	0.00
57) Fluorene-d10	15.23	176	1081828	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	224099	18.58	ng/ul	0.00
70) Anthracene-d10	17.09	188	1699800	20.24	ng/ul	0.00
78) Pyrene-d10	19.39	212	1830534	21.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1623122	20.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	42978	6.772	ng/uL	91
4) Benzaldehyde	6.75	77	88271	19.039	ng/ul	92
6) Phenol	6.79	94	474013	19.100	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.02	93	367468	19.381	ng/ul	97
10) 2-Chlorophenol	7.15	128	388098	19.967	ng/ul	99
11) 2-Methylphenol	8.03	108	364394	19.244	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	428997	19.177	ng/ul	98
14) Acetophenone	8.40	105	610124	19.268	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	317074	19.199	ng/ul	99
16) 4-Methylphenol	8.36	108	399673	19.533	ng/ul	98
17) Hexachloroethane	8.63	117	162933	20.675	ng/ul	98
20) Nitrobenzene	8.78	77	466000	19.353	ng/ul	96
21) Isophorone	9.30	82	844712	18.858	ng/ul	99
23) 2-Nitrophenol	9.48	139	232787	20.349	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	469921	19.665	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	514937	18.786	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	400934	20.292	ng/ul	98
28) Naphthalene	10.40	128	1296838	19.929	ng/ul	99
30) 4-Chloroaniline	10.53	127	381974	20.849	ng/ul	97
31) Hexachlorobutadiene	10.67	225	258988	19.737	ng/ul	97
32) Caprolactam	11.32	113	124640m	19.067	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	431517	19.230	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	960382	19.770	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	511802	20.379	ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	259782	16.040	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	323320	19.809	ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	353935	20.276	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	1219212	19.678	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	970259	20.019	ng/ul	99
42) 2-Nitroaniline	13.32	65	272198	19.286	ng/ul	98
44) Dimethylphthalate	13.70	163	1193132	18.858	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	253117	20.360	ng/ul	99
47) Acenaphthylene	13.95	152	1470670	19.924	ng/ul	99
48) 3-Nitroaniline	14.16	138	237417	20.018	ng/ul	92
49) Acenaphthene	14.29	153	1055063	19.833	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	133563	15.845	ng/ul	98
52) 4-Nitrophenol	14.47	109	172673	17.681	ng/ul	96
53) Dibenzofuran	14.63	168	1461778	19.418	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	371958	19.760	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.86	232	316268	19.650	ng/ul	99
56) Diethylphthalate	15.07	149	1220044	18.719	ng/ul	98
58) Fluorene	15.29	166	1208376	19.249	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	621339	19.269	ng/ul	98
60) 4-Nitroaniline	15.33	138	251769	19.095	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	227770	18.325	ng/ul#	88
64) N-Nitrosodiphenylamine	15.50	169	1040915	20.040	ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	387608	20.106	ng/ul	95
66) Hexachlorobenzene	16.29	284	429955	20.065	ng/ul	98
67) Atrazine	16.47	200	380648	19.756	ng/ul	99
68) Pentachlorophenol	16.64	266	262388	19.682	ng/ul	98
69) Phenanthrene	17.03	178	1940890	20.117	ng/ul	99
71) Anthracene	17.12	178	1981967	20.087	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	493794	20.653	ng/uL	98
73) Pentachlorobenzene	14.55	250	503373	20.585	ng/uL	99
74) Carbazole	17.40	167	1745267	20.074	ng/ul	99
75) Di-n-butylphthalate	17.97	149	2153552	19.601	ng/ul	99
76) Fluoranthene	19.06	202	2248297	19.812	ng/ul	100
79) Pyrene	19.42	202	2305836	21.953	ng/ul	99
80) Butylbenzylphthalate	20.34	149	999337	22.251	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.12	252	705907	19.819	ng/ul	99
82) Benzo(a)anthracene	21.18	228	2158530	20.113	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1481255	22.273	ng/ul	100
84) Chrysene	21.23	228	2017786	20.104	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	2343200	22.522	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1960594	21.234	ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1763542	19.652	ng/ul	99
90) Benzo(a)pyrene	23.29	252	1732894	19.791	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.55	276	1881087	20.275	ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	1578813	20.155	ng/ul	99
93) Benzo(g,h,i)perylene	26.21	276	1560608	20.813	ng/ul	100

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

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