Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071618\
Data File : BM015955.D
Acq On : 16 Jul 2018 15:03
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02038

Manual Integrations APPROVED
Sohil
7/17/2018 5:08:40 PM

Quant Time: Jul 17 02:59:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 13 23:45:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	38075	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	190589	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.89	164	124167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	292032	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	383945	20.00	ng/ul	0.00
85) Perylene-d12	24.12	264	418960	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6895	7.97	ng/uL	0.00
5) Phenol-d5	7.42	99	66074	18.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	42766	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	55924	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	58556	19.65	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	27719	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	30074	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	61494	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	82666	22.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	218120	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	249570	19.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	35197	17.94	ng/ul	0.00
57) Fluorene-d10	15.87	176	185188	19.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	32983	16.92	ng/ul	0.00
70) Anthracene-d10	17.72	188	289010	19.33	ng/ul	0.00
78) Pyrene-d10	19.97	212	337459	18.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.97	264	441165	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	7192	8.525	ng/uL#	77
4) Benzaldehyde	7.40	77	47227	21.117	ng/ul	85
6) Phenol	7.44	94	66806	19.121	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.68	93	49986	19.374	ng/ul#	83
10) 2-Chlorophenol	7.82	128	55707	19.852	ng/ul	94
11) 2-Methylphenol	8.71	108	50851	18.924	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.79	45	81199	19.815	ng/ul#	87
14) Acetophenone	9.10	105	94765	19.140	ng/ul#	71
15) N-Nitroso-di-n-propylamine	9.07	70	48628	19.634	ng/ul#	61
16) 4-Methylphenol	9.05	108	56790	19.137	ng/ul	98
17) Hexachloroethane	9.35	117	26582	21.048	ng/ul	90
20) Nitrobenzene	9.49	77	76677m	19.823	ng/ul	
21) Isophorone	10.01	82	134289	19.898	ng/ul	98
23) 2-Nitrophenol	10.21	139	33416	20.011	ng/ul#	78
24) 2,4-Dimethylphenol	10.25	107	77686	20.341	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.49	93	77233	19.668	ng/ul	99
27) 2,4-Dichlorophenol	10.74	162	59567	20.190	ng/ul	96
28) Naphthalene	11.14	128	198339	19.636	ng/ul	99
30) 4-Chloroaniline	11.26	127	81200	22.213	ng/ul	99
31) Hexachlorobutadiene	11.40	225	41543	20.044	ng/ul	96
32) Caprolactam	12.04	113	18937m	19.042	ng/ul	
33) 4-Chloro-3-methylphenol	12.36	107	71097	20.524	ng/ul	99
34) 2-Methylnaphthalene	12.73	142	146087	19.493	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.09	216	71674	18.598	ng/ul#	96
37) Hexachlorocyclopentadiene	13.05	237	26803	14.670	ng/ul	97
38) 2,4,6-Trichlorophenol	13.33	196	49166	19.758	ng/ul	97
39) 2,4,5-Trichlorophenol	13.41	196	52615	19.902	ng/ul	100
40) 1,1'-Biphenyl	13.72	154	198911	18.917	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	154298	19.013	ng/ul	97
42) 2-Nitroaniline	13.99	65	52094	20.060	ng/ul#	69
44) Dimethylphthalate	14.33	163	217082	19.368	ng/ul	98
45) 2,6-Dinitrotoluene	14.47	165	38520	19.234	ng/ul#	64
47) Acenaphthylene	14.62	152	244727	19.358	ng/ul	98
48) 3-Nitroaniline	14.81	138	40086	19.438	ng/ul	85
49) Acenaphthene	14.95	153	178772	19.470	ng/ul	96
50) 2,4-Dinitrophenol	15.03	184	14766	13.342	ng/ul#	1
52) 4-Nitrophenol	15.11	109	46055	19.699	ng/ul#	75
53) Dibenzofuran	15.28	168	253434	19.342	ng/ul	89
54) 2,4-Dinitrotoluene	15.26	165	63908	19.882	ng/ul#	41
55) 2,3,4,6-Tetrachlorophenol	15.51	232	47215	19.606	ng/ul#	79
56) Diethylphthalate	15.68	149	241048	19.787	ng/ul	97
58) Fluorene	15.93	166	205296	19.338	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.91	204	100220	18.943	ng/ul	94
60) 4-Nitroaniline	15.97	138	42049	18.589	ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	16.02	198	35752	17.912	ng/ul#	70
64) N-Nitrosodiphenylamine	16.13	169	177889	19.665	ng/ul	99
65) 4-Bromophenyl-phenylether	16.80	248	60742	19.300	ng/ul	95
66) Hexachlorobenzene	16.92	284	66751	18.996	ng/ul#	88
67) Atrazine	17.06	200	68198	18.891	ng/ul	95
68) Pentachlorophenol	17.27	266	33024	17.482	ng/ul	97
69) Phenanthrene	17.66	178	325390	18.846	ng/ul	98
71) Anthracene	17.75	178	344038	19.325	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.70	216	76208	18.654	ng/uL	98
73) Pentachlorobenzene	15.20	250	75520	18.895	ng/uL	98
74) Carbazole	18.02	167	305869	18.957	ng/ul	97
75) Di-n-butylphthalate	18.54	149	405446	19.669	ng/ul#	96
76) Fluoranthene	19.64	202	412286	19.026	ng/ul#	95
79) Pyrene	20.00	202	428585	18.935	ng/ul#	95
80) Butylbenzylphthalate	20.85	149	216813	19.911	ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.64	252	161817	19.160	ng/ul	100
82) Benzo(a)anthracene	21.72	228	479695	19.324	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	317641	19.892	ng/ul	93
84) Chrysene	21.77	228	446027	19.209	ng/ul	99
86) Di-n-octyl phthalate	22.52	149	568833	17.335	ng/ul#	86
87) Benzo(b)fluoranthene	23.40	252	494280m	18.392	ng/ul	
88) Benzo(k)fluoranthene	23.44	252	494667	19.255	ng/ul	98
90) Benzo(a)pyrene	24.02	252	489065	18.926	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.57	276	589536	18.556	ng/ul#	93
92) Dibenzo(a,h)anthracene	26.57	278	499035	18.548	ng/ul#	96
93) Benzo(g,h,i)perylene	27.33	276	466225	18.353	ng/ul	95

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

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