Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062618\
Data File : BM015758.D
Acq On : 26 Jun 2018 09:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
Sohil
6/27/2018 11:05:55 AM

Quant Time: Jun 27 01:09:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 26 01:35:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	106770	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	474741	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.93	164	272206	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	610576	20.00	ng/ul	0.00
77) Chrysene-d12	21.77	240	656124	20.00	ng/ul	0.00
85) Perylene-d12	24.17	264	560750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	17476	7.95	ng/uL	0.00
5) Phenol-d5	7.46	99	169715	17.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.63	67	105312	17.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.84	132	146788	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	142152	17.02	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	67285	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	73250	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.76	165	147208	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.28	131	186905	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.33	166	428804	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.63	160	497914	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.13	143	66873	15.37	ng/ul	0.00
57) Fluorene-d10	15.92	176	366094	19.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.04	200	64181	17.45	ng/ul	0.00
70) Anthracene-d10	17.76	188	565294	20.31	ng/ul	0.00
78) Pyrene-d10	20.01	212	621539	22.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.01	264	574022	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	18542	8.201	ng/uL	87
4) Benzaldehyde	7.45	77	110394	21.729	ng/ul	87
6) Phenol	7.49	94	174686	17.349	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.73	93	132398	17.735	ng/ul#	87
10) 2-Chlorophenol	7.87	128	151695	19.862	ng/ul#	91
11) 2-Methylphenol	8.76	108	132368	17.171	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.83	45	207412	16.604	ng/ul#	88
14) Acetophenone	9.15	105	225351	17.248	ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.13	70	117239	16.960	ng/ul#	71
16) 4-Methylphenol	9.09	108	143907	16.745	ng/ul	98
17) Hexachloroethane	9.40	117	60895	20.228	ng/ul	93
20) Nitrobenzene	9.55	77	185013m	21.457	ng/ul	
21) Isophorone	10.06	82	302806	18.369	ng/ul	97
23) 2-Nitrophenol	10.26	139	82904	20.941	ng/ul#	80
24) 2,4-Dimethylphenol	10.30	107	178246	20.350	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.53	93	180695	18.335	ng/ul	96
27) 2,4-Dichlorophenol	10.79	162	142953	20.136	ng/ul	97
28) Naphthalene	11.19	128	475292	20.002	ng/ul	99
30) 4-Chloroaniline	11.31	127	191806	23.341	ng/ul	97
31) Hexachlorobutadiene	11.45	225	99955	22.954	ng/ul	99
32) Caprolactam	12.09	113	40486	14.929	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.41	107	156095	18.468	ng/ul	98
34) 2-Methylnaphthalene	12.78	142	344391	18.898	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.14	216	173297	22.058	ng/ul#	97
37) Hexachlorocyclopentadiene	13.10	237	66629	20.962	ng/ul	99
38) 2,4,6-Trichlorophenol	13.38	196	111150	21.590	ng/ul	99
39) 2,4,5-Trichlorophenol	13.46	196	118806	20.930	ng/ul	99
40) 1,1'-Biphenyl	13.77	154	438710	20.649	ng/ul	98
41) 2-Chloronaphthalene	13.82	162	345054	20.996	ng/ul	99
42) 2-Nitroaniline	14.03	65	107497	21.107	ng/ul#	78
44) Dimethylphthalate	14.38	163	438114	19.038	ng/ul	99
45) 2,6-Dinitrotoluene	14.52	165	84389	19.774	ng/ul#	78
47) Acenaphthylene	14.66	152	513884	20.253	ng/ul	99
48) 3-Nitroaniline	14.85	138	82280	18.963	ng/ul	95
49) Acenaphthene	15.00	153	374483	19.999	ng/ul	100
50) 2,4-Dinitrophenol	15.07	184	50085	19.618	ng/ul#	1
52) 4-Nitrophenol	15.14	109	73786	19.121	ng/ul#	81
53) Dibenzofuran	15.33	168	516762	19.615	ng/ul	95
54) 2,4-Dinitrotoluene	15.30	165	126777	19.130	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.55	232	99505	19.383	ng/ul#	93
56) Diethylphthalate	15.72	149	463775	19.174	ng/ul	98
58) Fluorene	15.97	166	423769	19.234	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.96	204	213194	19.438	ng/ul	99
60) 4-Nitroaniline	16.00	138	74051	14.064	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	16.06	198	67961	17.292	ng/ul#	82
64) N-Nitrosodiphenylamine	16.17	169	361938	20.575	ng/ul	97
65) 4-Bromophenyl-phenylether	16.84	248	126724	20.420	ng/ul	96
66) Hexachlorobenzene	16.96	284	144630	19.939	ng/ul	96
67) Atrazine	17.10	200	134778	20.769	ng/ul	98
68) Pentachlorophenol	17.31	266	68687	16.461	ng/ul	98
69) Phenanthrene	17.70	178	669783	19.988	ng/ul	100
71) Anthracene	17.79	178	681731	19.974	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.75	216	175413	23.821	ng/uL	98
73) Pentachlorobenzene	15.24	250	165997	21.449	ng/uL	98
74) Carbazole	18.06	167	592858	18.791	ng/ul	98
75) Di-n-butylphthalate	18.58	149	782006	20.597	ng/ul#	99
76) Fluoranthene	19.68	202	782266	19.038	ng/ul	98
79) Pyrene	20.04	202	805457	21.883	ng/ul	96
80) Butylbenzylphthalate	20.89	149	376319	22.891	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.67	252	241744	18.050	ng/ul	100
82) Benzo(a)anthracene	21.75	228	804005	20.210	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	551287	22.812	ng/ul	97
84) Chrysene	21.80	228	747976	20.038	ng/ul	100
86) Di-n-octyl phthalate	22.56	149	938751	26.601	ng/ul#	88
87) Benzo(b)fluoranthene	23.44	252	709906	21.300	ng/ul	99
88) Benzo(k)fluoranthene	23.49	252	690533	21.957	ng/ul	98
90) Benzo(a)pyrene	24.07	252	648847	20.376	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.65	276	689999	17.297	ng/ul#	94
92) Dibenzo(a,h)anthracene	26.65	278	579033	17.202	ng/ul	96
93) Benzo(g,h,i)perylene	27.41	276	549931	16.724	ng/ul	96

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

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