Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021642.D
Acq On : 25 Jul 2019 18:38
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:06 PM

Quant Time: Jul 25 19:12:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	88177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	409276	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	275108	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	732147	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1001186	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1184776	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	12188	7.54	ng/uL	0.00
5) Phenol-d5	6.87	99	129148	17.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	72091	16.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	105934	18.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	109314	17.11	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	53413	17.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	55224	16.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	129659	17.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	147944	21.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	405335	17.20	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	506721	17.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	64957	16.06	ng/ul	0.00
57) Fluorene-d10	15.34	176	367434	17.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	55329	12.07	ng/ul	0.00
70) Anthracene-d10	17.20	188	639941	17.77	ng/ul	0.00
78) Pyrene-d10	19.49	212	812219	16.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1072616	16.96	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	12659	6.899	ng/uL	94
4) Benzaldehyde	6.86	77	64716	20.529	ng/ul	99
6) Phenol	6.90	94	130395	18.123	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	98033	18.422	ng/ul	95
10) 2-Chlorophenol	7.26	128	106810	18.882	ng/ul	98
11) 2-Methylphenol	8.14	108	103392	18.369	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	133453	18.933	ng/ul	99
14) Acetophenone	8.53	105	177763	18.539	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	85573	18.142	ng/ul	96
16) 4-Methylphenol	8.47	108	112497	18.098	ng/ul	98
17) Hexachloroethane	8.76	117	47264	18.764	ng/ul	99
20) Nitrobenzene	8.90	77	139106	18.576	ng/ul	98
21) Isophorone	9.42	82	256213	18.021	ng/ul	100
23) 2-Nitrophenol	9.61	139	62070	18.367	ng/ul	93
24) 2,4-Dimethylphenol	9.66	107	135370	18.292	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.90	93	148891	17.762	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	123598	18.247	ng/ul	99
28) Naphthalene	10.53	128	380771	18.358	ng/ul	98
30) 4-Chloroaniline	10.66	127	147147	21.465	ng/ul	99
31) Hexachlorobutadiene	10.79	225	86957	18.181	ng/ul	98
32) Caprolactam	11.46	113	46180m	21.823	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	132605	18.347	ng/ul	99
34) 2-Methylnaphthalene	12.15	142	288496	17.989	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	176152	18.564 ng/ul	97
37) Hexachlorocyclopentadiene	12.48	237	56918	12.520 ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	109817	18.845 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	120044	18.927 ng/ul	99
40) 1,1'-Biphenyl	13.17	154	391481	18.385 ng/ul	99
41) 2-Chloronaphthalene	13.21	162	318113	18.723 ng/ul	99
42) 2-Nitroaniline	13.44	65	70178	18.475 ng/ul	92
44) Dimethylphthalate	13.81	163	402486	17.786 ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	68971	18.383 ng/ul	99
47) Acenaphthylene	14.06	152	470073	18.477 ng/ul	99
48) 3-Nitroaniline	14.27	138	65960	17.742 ng/ul#	93
49) Acenaphthene	14.40	153	342193	18.339 ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	32039	13.334 ng/ul	97
52) 4-Nitrophenol	14.59	109	55926	17.510 ng/ul	97
53) Dibenzofuran	14.74	168	508545	18.460 ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	119474	18.743 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.97	232	115553	19.122 ng/ul	99
56) Diethylphthalate	15.17	149	399767	18.227 ng/ul	99
58) Fluorene	15.40	166	416814	18.292 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	225698	17.821 ng/ul	97
60) 4-Nitroaniline	15.44	138	74282	18.304 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.49	198	58816	12.976 ng/ul	98
64) N-Nitrosodiphenylamine	15.61	169	361209	18.155 ng/ul	100
65) 4-Bromophenyl-phenylether	16.29	248	145376	17.694 ng/ul	95
66) Hexachlorobenzene	16.39	284	180582	18.016 ng/ul	99
67) Atrazine	16.57	200	155892	21.118 ng/ul	99
68) Pentachlorophenol	16.75	266	102711	18.007 ng/ul	97
69) Phenanthrene	17.14	178	735536	18.414 ng/ul	100
71) Anthracene	17.23	178	752543	18.628 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	175888	17.943 ng/uL	99
73) Pentachlorobenzene	14.66	250	201155	18.230 ng/uL	98
74) Carbazole	17.51	167	660949	19.077 ng/ul	99
75) Di-n-butylphthalate	18.06	149	675871	18.568 ng/ul	99
76) Fluoranthene	19.16	202	974774	19.685 ng/ul	99
79) Pyrene	19.52	202	1040869	17.453 ng/ul	99
80) Butylbenzylphthalate	20.43	149	334715	17.892 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.22	252	304036	15.428 ng/ul	98
82) Benzo(a)anthracene	21.27	228	1220265	18.592 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.19	149	520590	19.026 ng/ul#	99
84) Chrysene	21.32	228	1157557	18.494 ng/ul	99
86) Di-n-octyl phthalate	22.07	149	993346	18.541 ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	1353267	18.893 ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	1287798	18.327 ng/ul	100
90) Benzo(a)pyrene	23.43	252	1269144	18.452 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.79	276	1413982	16.928 ng/ul	100
92) Dibenzo(a,h)anthracene	25.80	278	1194118	16.998 ng/ul	100
93) Benzo(g,h,i)perylene	26.49	276	1120254	16.560 ng/ul	99

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

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