Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032819\
Data File : BM019544.D
Acq On : 28 Mar 2019 17:06
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02080

Manual Integrations APPROVED
Sohil
3/29/2019 4:49:04 PM

Quant Time: Mar 29 04:58:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 04:13:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	107746	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	482947	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	296811	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	660642	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	832761	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	990463	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	19147	6.96	ng/uL	0.00
5) Phenol-d5	6.76	99	188544	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	125309	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	147045	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	145512	20.20	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	65028	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	73867	19.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	143827	19.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	183210	21.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	462917	19.33	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	579457	19.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	68109	18.14	ng/ul	0.00
58) Fluorene-d10	15.24	176	369314	17.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	72430	16.58	ng/ul	0.00
71) Anthracene-d10	17.10	188	609436	19.22	ng/ul	0.00
79) Pyrene-d10	19.41	212	666637	17.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	983074	18.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	21388	6.830	ng/uL	92
4) Benzaldehyde	6.75	77	140635	20.462	ng/ul	97
6) Phenol	6.79	94	200677	20.043	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	148050	19.328	ng/ul	96
10) 2-Chlorophenol	7.15	128	148733	20.120	ng/ul	99
11) 2-Methylphenol	8.03	108	139562	19.987	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	143805m	19.807	ng/ul	
14) Acetophenone	8.42	105	223979	19.096	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.39	70	134759	20.502	ng/ul#	88
16) 4-Methylphenol	8.36	108	156008	20.370	ng/ul	99
17) Hexachloroethane	8.63	117	57555	18.525	ng/ul	83
20) Nitrobenzene	8.79	77	183835	17.926	ng/ul	98
21) Isophorone	9.31	82	364072	20.694	ng/ul	97
23) 2-Nitrophenol	9.50	139	81142	19.184	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	168634	18.348	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.80	93	198473	18.695	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	141864	19.843	ng/ul	96
28) Naphthalene	10.41	128	482832	19.299	ng/ul	98
30) 4-Chloroaniline	10.55	127	190147	20.788	ng/ul	96
31) Hexachlorobutadiene	10.67	225	83339	18.478	ng/ul	96
32) Caprolactam	11.37	113	45505	21.437	ng/ul	83
33) 4-Chloro-3-methylphenol	11.67	107	165328	21.454	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	349745	19.950	ng/ul	100

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35) 1-Methylnaphthalene	12.26	142	329467	19.904	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.41	216	165486	17.522	ng/ul#	96
38) Hexachlorocyclopentadiene	12.37	237	91468	18.880	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.66	196	111673	18.951	ng/ul	98
40) 2,4,5-Trichlorophenol	12.74	196	118942	18.822	ng/ul	98
41) 1,1'-Biphenyl	13.07	154	456509	18.058	ng/ul#	96
42) 2-Chloronaphthalene	13.11	162	353256	18.247	ng/ul	98
43) 2-Nitroaniline	13.34	65	110584	20.800	ng/ul	87
45) Dimethylphthalate	13.71	163	469142	19.524	ng/ul#	97
46) 2,6-Dinitrotoluene	13.84	165	90907	20.608	ng/ul	91
48) Acenaphthylene	13.96	152	568021	19.138	ng/ul	99
49) 3-Nitroaniline	14.19	138	86353	20.005	ng/ul	93
50) Acenaphthene	14.30	153	389698	18.643	ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	43802	17.149	ng/ul#	83
53) 4-Nitrophenol	14.50	109	49100	16.711	ng/ul#	73
54) Dibenzofuran	14.64	168	520567	17.833	ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	130392	19.961	ng/ul#	58
56) 2,3,4,6-Tetrachlorophenol	14.88	232	100513	18.881	ng/ul#	83
57) Diethylphthalate	15.08	149	430988	18.235	ng/ul	96
59) Fluorene	15.30	166	415805	17.974	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	202184	17.520	ng/ul	95
61) 4-Nitroaniline	15.36	138	90189	19.140	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.40	198	76363	16.510	ng/ul#	89
65) N-Nitrosodiphenylamine	15.52	169	368926	17.950	ng/ul	98
66) 4-Bromophenyl-phenylether	16.19	248	131105	18.274	ng/ul	97
67) Hexachlorobenzene	16.29	284	157028	18.075	ng/ul#	91
68) Atrazine	16.48	200	132849	18.470	ng/ul	96
69) Pentachlorophenol	16.66	266	83710	18.435	ng/ul	99
70) Phenanthrene	17.04	178	697599	18.624	ng/ul	99
72) Anthracene	17.13	178	720841	18.863	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	161012	16.810	ng/uL	95
74) Pentachlorobenzene	14.56	250	167177	16.687	ng/uL	97
75) Carbazole	17.42	167	650381	18.977	ng/ul	99
76) Di-n-butylphthalate	17.97	149	772766	20.342	ng/ul	99
77) Fluoranthene	19.07	202	821202	19.133	ng/ul#	88
80) Pyrene	19.44	202	868197	17.329	ng/ul#	84
81) Butylbenzylphthalate	20.34	149	387356	19.527	ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.14	252	353966	19.566	ng/ul#	97
83) Benzo(a)anthracene	21.19	228	950366	18.961	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	584464	20.327	ng/ul#	96
85) Chrysene	21.24	228	887229	18.448	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	1089255	17.631	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	1085187	17.987	ng/ul#	95
89) Benzo(k)fluoranthene	22.80	252	1047903	18.087	ng/ul#	97
91) Benzo(a)pyrene	23.32	252	1070678	18.564	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	1409609	19.517	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.64	278	1191444	19.350	ng/ul#	95
94) Benzo(g,h,i)perylene	26.31	276	1163570	19.279	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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