Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019738.D
Acq On : 03 Apr 2019 19:59
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02096

Manual Integrations APPROVED
Sohil
4/4/2019 5:44:26 PM

Quant Time: Apr 04 03:35:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 04 01:45:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	174591	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	786406	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	448708	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	955147	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	828718	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	735802	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	29872	6.70	ng/uL	0.00
5) Phenol-d5	6.75	99	309945	19.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	198442	19.06	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.10	132	241811	20.52	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	243782	20.89	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	113667	20.26	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	134115	21.48	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.97	165	248919	21.13	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.50	131	306422	21.66	ng/ul	-0.02
44) Dimethylphthalate-d6	13.65	166	701955	19.39	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	910371	20.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	107074	18.87	ng/ul	0.00
58) Fluorene-d10	15.23	176	597406	19.15	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.38	200	92551	14.65	ng/ul	0.00
71) Anthracene-d10	17.09	188	901053	19.66	ng/ul	-0.01
79) Pyrene-d10	19.40	212	894599	23.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	758462	19.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	32436	6.392	ng/uL	94
4) Benzaldehyde	6.73	77	232336	20.862	ng/ul	97
6) Phenol	6.78	94	325967	20.092	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.01	93	235186	18.949	ng/ul	99
10) 2-Chlorophenol	7.13	128	243503	20.328	ng/ul	98
11) 2-Methylphenol	8.02	108	236085	20.865	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	233549m	19.852	ng/ul	
14) Acetophenone	8.40	105	378342	19.907	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.37	70	227647	21.374	ng/ul#	86
16) 4-Methylphenol	8.35	108	256825	20.695	ng/ul	98
17) Hexachloroethane	8.62	117	96773	19.223	ng/ul	84
20) Nitrobenzene	8.77	77	313368	18.766	ng/ul	100
21) Isophorone	9.29	82	584477	20.402	ng/ul	98
23) 2-Nitrophenol	9.48	139	141189	20.500	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	293274	19.596	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	336710	19.478	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	243031	20.876	ng/ul	96
28) Naphthalene	10.39	128	781692	19.188	ng/ul	99
30) 4-Chloroaniline	10.53	127	311536	20.916	ng/ul	96
31) Hexachlorobutadiene	10.65	225	139562	19.003	ng/ul	99
32) Caprolactam	11.34	113	76649	22.175	ng/ul	85
33) 4-Chloro-3-methylphenol	11.66	107	267906	21.350	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	561795	19.680	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.24	142	529857	19.658	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	267970	18.768	ng/ul#	95
38) Hexachlorocyclopentadiene	12.35	237	113113	15.444	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.65	196	181199	20.341	ng/ul	97
40) 2,4,5-Trichlorophenol	12.73	196	194873	20.398	ng/ul	98
41) 1,1'-Biphenyl	13.05	154	728122	19.052	ng/ul#	96
42) 2-Chloronaphthalene	13.09	162	562842	19.231	ng/ul	98
43) 2-Nitroaniline	13.33	65	175375	21.820	ng/ul	92
45) Dimethylphthalate	13.70	163	699445	19.255	ng/ul	98
46) 2,6-Dinitrotoluene	13.83	165	143454	21.511	ng/ul	93
48) Acenaphthylene	13.95	152	883603	19.692	ng/ul	100
49) 3-Nitroaniline	14.17	138	142689	21.866	ng/ul	95
50) Acenaphthene	14.29	153	596563	18.878	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	48793	12.636	ng/ul#	86
53) 4-Nitrophenol	14.49	109	78229	17.612	ng/ul#	75
54) Dibenzofuran	14.63	168	844465	19.135	ng/ul	97
55) 2,4-Dinitrotoluene	14.63	165	211414	21.408	ng/ul#	62
56) 2,3,4,6-Tetrachlorophenol	14.86	232	159440	19.812	ng/ul#	75
57) Diethylphthalate	15.06	149	697759	19.528	ng/ul	95
59) Fluorene	15.29	166	672168	19.220	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.28	204	325327	18.648	ng/ul	92
61) 4-Nitroaniline	15.35	138	144577	20.296	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.40	198	98211	14.686	ng/ul	93
65) N-Nitrosodiphenylamine	15.50	169	575438	19.365	ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	200664	19.346	ng/ul	97
67) Hexachlorobenzene	16.28	284	235323	18.735	ng/ul#	89
68) Atrazine	16.47	200	196011	18.849	ng/ul	98
69) Pentachlorophenol	16.64	266	124179	18.915	ng/ul	98
70) Phenanthrene	17.03	178	1028093	18.984	ng/ul	100
72) Anthracene	17.12	178	1060729	19.199	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	261932	18.915	ng/uL	98
74) Pentachlorobenzene	14.55	250	272308	18.800	ng/uL	97
75) Carbazole	17.41	167	947856	19.129	ng/ul	98
76) Di-n-butylphthalate	17.96	149	1198340	21.818	ng/ul	100
77) Fluoranthene	19.06	202	1131527	18.234	ng/ul#	88
80) Pyrene	19.43	202	1144360	22.953	ng/ul#	83
81) Butylbenzylphthalate	20.33	149	544388	27.577	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.13	252	380648	21.144	ng/ul#	97
83) Benzo(a)anthracene	21.19	228	975511	19.557	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	800566	27.979	ng/ul#	95
85) Chrysene	21.23	228	905303	18.915	ng/ul	98
87) Di-n-octyl phthalate	21.97	149	1239608	27.009	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	860683	19.203	ng/ul#	95
89) Benzo(k)fluoranthene	22.79	252	840110	19.519	ng/ul#	96
91) Benzo(a)pyrene	23.31	252	816799	19.063	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.62	276	1010512	18.834	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.63	278	849221	18.566	ng/ul#	96
94) Benzo(g,h,i)perylene	26.30	276	836994	18.668	ng/ul#	94

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

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