Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016756.D
Acq On : 14 Sep 2018 16:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
Sohil
9/17/2018 10:01:06 AM

Quant Time: Sep 15 00:27:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 14 23:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	229865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	953041	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	516688	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1119140	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1255309	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1285530	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	40811	7.59	ng/uL	0.00
5) Phenol-d5	6.90	99	361318	18.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	226696	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	303945	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	281305	18.75	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	129388	20.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	118645	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	278852	19.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	345649	19.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	780756	18.82	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1034477	19.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	132017	19.39	ng/ul	0.00
58) Fluorene-d10	15.36	176	696568	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	86195	18.76	ng/ul	0.00
71) Anthracene-d10	17.22	188	1051500	19.47	ng/ul	0.00
79) Pyrene-d10	19.51	212	1141421	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1293052	19.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	42436	7.587	ng/uL#	79
4) Benzaldehyde	6.88	77	240686	22.059	ng/ul	88
6) Phenol	6.93	94	365651	18.894	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	283982	19.058	ng/ul	96
10) 2-Chlorophenol	7.30	128	307352	19.339	ng/ul	97
11) 2-Methylphenol	8.17	108	268973	18.544	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	419613	17.808	ng/ul	97
14) Acetophenone	8.55	105	444575	19.119	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	214476	18.432	ng/ul	91
16) 4-Methylphenol	8.49	108	289446	18.878	ng/ul	97
17) Hexachloroethane	8.80	117	118696	19.014	ng/ul	87
20) Nitrobenzene	8.92	77	312246	19.712	ng/ul	93
21) Isophorone	9.45	82	573433	18.216	ng/ul	97
23) 2-Nitrophenol	9.63	139	135689	20.644	ng/ul#	86
24) 2,4-Dimethylphenol	9.69	107	319606	18.844	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.93	93	371234	19.078	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	270721	19.476	ng/ul	95
28) Naphthalene	10.56	128	959081	19.571	ng/ul	99
30) 4-Chloroaniline	10.67	127	348920	19.967	ng/ul	98
31) Hexachlorobutadiene	10.85	225	186376	19.864	ng/ul	97
32) Caprolactam	11.43	113	78214m	17.793	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	277265	19.032	ng/ul	94
34) 2-Methylnaphthalene	12.18	142	672485	19.476	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	672485	19.476	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	348830	19.658	ng/ul#	97
38) Hexachlorocyclopentadiene	12.53	237	206739	18.711	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.79	196	192923	19.092	ng/ul	98
40) 2,4,5-Trichlorophenol	12.86	196	214468	19.448	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	839393	19.528	ng/ul#	97
42) 2-Chloronaphthalene	13.24	162	658992	19.590	ng/ul	97
43) 2-Nitroaniline	13.44	65	153234	20.679	ng/ul	97
45) Dimethylphthalate	13.83	163	775871	19.136	ng/ul	99
46) 2,6-Dinitrotoluene	13.94	165	132570	21.288	ng/ul	98
48) Acenaphthylene	14.09	152	976790	19.259	ng/ul	100
49) 3-Nitroaniline	14.27	138	136241	20.118	ng/ul#	98
50) Acenaphthene	14.43	153	699042	19.413	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	53783	19.307	ng/ul#	79
53) 4-Nitrophenol	14.58	109	98705m	18.813	ng/ul	
54) Dibenzofuran	14.77	168	960057	19.433	ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	197629	21.581	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.99	232	173958	19.503	ng/ul#	81
57) Diethylphthalate	15.20	149	755688	18.813	ng/ul	96
59) Fluorene	15.42	166	786337	19.374	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	404870	19.674	ng/ul	93
61) 4-Nitroaniline	15.44	138	165677	19.916	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.49	198	94253	18.296	ng/ul	97
65) N-Nitrosodiphenylamine	15.63	169	679147	19.618	ng/ul	97
66) 4-Bromophenyl-phenylether	16.32	248	241142	19.044	ng/ul	97
67) Hexachlorobenzene	16.42	284	263854	19.363	ng/ul#	93
68) Atrazine	16.59	200	226566	18.518	ng/ul	100
69) Pentachlorophenol	16.76	266	132894	18.034	ng/ul	97
70) Phenanthrene	17.16	178	1227529	19.746	ng/ul	99
72) Anthracene	17.25	178	1254849	19.662	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	362586	19.575	ng/uL	97
74) Pentachlorobenzene	14.69	250	328807	19.679	ng/uL	97
75) Carbazole	17.52	167	1087942	19.392	ng/ul	99
76) Di-n-butylphthalate	18.10	149	1191315	18.251	ng/ul	99
77) Fluoranthene	19.17	202	1394845	19.574	ng/ul#	89
80) Pyrene	19.54	202	1455937	18.889	ng/ul#	87
81) Butylbenzylphthalate	20.46	149	493238	17.303	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.23	252	445373	17.910	ng/ul#	97
83) Benzo(a)anthracene	21.29	228	1486453	19.128	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	785107	17.525	ng/ul	98
85) Chrysene	21.34	228	1409536	19.449	ng/ul	97
87) Di-n-octyl phthalate	22.13	149	1272643	16.477	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1498214	19.471	ng/ul#	97
89) Benzo(k)fluoranthene	22.92	252	1435692	19.431	ng/ul#	97
91) Benzo(a)pyrene	23.45	252	1436499	19.586	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	1683884	19.246	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.81	278	1420164	19.404	ng/ul#	94
94) Benzo(g,h,i)perylene	26.48	276	1392179	19.189	ng/ul#	91

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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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