Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016880.D
Acq On : 24 Sep 2018 17:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
Sohil
9/25/2018 1:19:50 PM

Quant Time: Sep 25 04:30:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 04:03:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	240410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1013961	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	561133	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1264947	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1482816	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1528124	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	41520	7.39	ng/uL	0.00
5) Phenol-d5	6.89	99	404407	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	239620	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	336774	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	313950	20.01	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	154093	23.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	159865	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	320602	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	408791	22.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	914761	20.30	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1181335	20.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	168878	22.84	ng/ul	0.00
58) Fluorene-d10	15.35	176	811063	20.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	115091	22.16	ng/ul	0.00
71) Anthracene-d10	17.20	188	1265416	20.73	ng/ul	0.00
79) Pyrene-d10	19.49	212	1391170	19.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	1624324	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	43083	7.364	ng/uL#	79
4) Benzaldehyde	6.86	77	267657	23.455	ng/ul	90
6) Phenol	6.92	94	408393	20.176	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	312060	20.024	ng/ul	96
10) 2-Chlorophenol	7.28	128	339770	20.441	ng/ul	96
11) 2-Methylphenol	8.15	108	301647	19.884	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	415629	16.865	ng/ul	99
14) Acetophenone	8.53	105	495119	20.359	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.52	70	236204	19.409	ng/ul	95
16) 4-Methylphenol	8.48	108	327336	20.413	ng/ul	94
17) Hexachloroethane	8.78	117	133791	20.492	ng/ul	85
20) Nitrobenzene	8.91	77	352311	20.905	ng/ul#	88
21) Isophorone	9.43	82	634877	18.956	ng/ul	97
23) 2-Nitrophenol	9.62	139	174849	25.004	ng/ul#	87
24) 2,4-Dimethylphenol	9.67	107	357723	19.824	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.92	93	413323	19.965	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	308077	20.832	ng/ul	96
28) Naphthalene	10.55	128	1069370	20.511	ng/ul	99
30) 4-Chloroaniline	10.66	127	410030	22.054	ng/ul	99
31) Hexachlorobutadiene	10.83	225	207070	20.744	ng/ul	97
32) Caprolactam	11.42	113	89546	19.147	ng/ul	93
33) 4-Chloro-3-methylphenol	11.78	107	323255	20.856	ng/ul	97
34) 2-Methylnaphthalene	12.16	142	762117	20.746	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	762117	20.746 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	400298	20.772 ng/ul	95
38) Hexachlorocyclopentadiene	12.51	237	220673	18.391 ng/ul#	97
39) 2,4,6-Trichlorophenol	12.77	196	235661	21.475 ng/ul	97
40) 2,4,5-Trichlorophenol	12.85	196	254528	21.253 ng/ul	95
41) 1,1'-Biphenyl	13.18	154	954477	20.447 ng/ul#	96
42) 2-Chloronaphthalene	13.22	162	754034	20.640 ng/ul	98
43) 2-Nitroaniline	13.43	65	184503	22.926 ng/ul	99
45) Dimethylphthalate	13.82	163	888302	20.173 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	168107	24.856 ng/ul	98
48) Acenaphthylene	14.07	152	1137079	20.644 ng/ul	98
49) 3-Nitroaniline	14.26	138	178775	24.308 ng/ul#	97
50) Acenaphthene	14.42	153	806598	20.626 ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	61370	20.286 ng/ul#	91
53) 4-Nitrophenol	14.57	109	121199m	21.270 ng/ul	
54) Dibenzofuran	14.75	168	1128663	21.036 ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	254267	25.567 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.98	232	224841	23.211 ng/ul#	90
57) Diethylphthalate	15.19	149	883012	20.241 ng/ul	97
59) Fluorene	15.40	166	923081	20.942 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	473238	21.174 ng/ul	94
61) 4-Nitroaniline	15.43	138	210030	23.248 ng/ul#	85
64) 4,6-Dinitro-2-methylphenol	15.48	198	125626	21.575 ng/ul#	99
65) N-Nitrosodiphenylamine	15.62	169	791492	20.228 ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	294591	20.584 ng/ul	97
67) Hexachlorobenzene	16.40	284	326618	21.206 ng/ul	94
68) Atrazine	16.57	200	268608	19.423 ng/ul	98
69) Pentachlorophenol	16.75	266	180224	21.638 ng/ul	99
70) Phenanthrene	17.14	178	1456820	20.734 ng/ul	99
72) Anthracene	17.23	178	1512483	20.967 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	415977	19.869 ng/uL	98
74) Pentachlorobenzene	14.67	250	386946	20.489 ng/uL	98
75) Carbazole	17.50	167	1305804	20.592 ng/ul	98
76) Di-n-butylphthalate	18.08	149	1448554	19.634 ng/ul	99
77) Fluoranthene	19.16	202	1706115	21.182 ng/ul#	91
80) Pyrene	19.52	202	1775380	19.499 ng/ul#	86
81) Butylbenzylphthalate	20.44	149	647186	19.220 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.22	252	546284	18.597 ng/ul#	96
83) Benzo(a)anthracene	21.27	228	1834624	19.986 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	991346	18.734 ng/ul	98
85) Chrysene	21.33	228	1767489	20.647 ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1643209	17.897 ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	1877703	20.529 ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1807121	20.576 ng/ul#	97
91) Benzo(a)pyrene	23.42	252	1816742	20.838 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	2118569	20.370 ng/ul#	89
93) Dibenzo(a,h)anthracene	25.77	278	1774228	20.394 ng/ul#	95
94) Benzo(g,h,i)perylene	26.44	276	1751801	20.313 ng/ul#	92

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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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