Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111918\
Data File : BM017690.D
Acq On : 19 Nov 2018 19:38
Operator : MJ/SJ
Sample : SSTD02053
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
Sohil
11/20/2018 5:10:24 PM

Quant Time: Nov 20 00:47:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 20 00:20:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	204514	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	925685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	573806	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1341561	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1571668	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1533861	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	34787	6.61	ng/uL	0.00
5) Phenol-d5	6.79	99	350941	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	219261	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	287491	20.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	292767	20.08	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	142398	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	162035	21.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	310441	21.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	270046	21.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	983259	22.22	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1203042	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	175523	21.94	ng/ul	0.00
57) Fluorene-d10	15.24	176	847011	21.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	179426	21.04	ng/ul	0.00
70) Anthracene-d10	17.10	188	1320888	20.70	ng/ul	0.00
78) Pyrene-d10	19.40	212	1498967	18.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	1656104	20.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	37018	6.594	ng/uL	100
4) Benzaldehyde	6.76	77	70875	19.684	ng/ul	100
6) Phenol	6.81	94	354225	18.572	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.04	93	276926	20.437	ng/ul	100
10) 2-Chlorophenol	7.17	128	290401	20.193	ng/ul	100
11) 2-Methylphenol	8.05	108	271176	19.757	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.13	45	330595	21.772	ng/ul	100
14) Acetophenone	8.42	105	456337	20.364	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.40	70	246418	23.582	ng/ul	100
16) 4-Methylphenol	8.37	108	294453	19.881	ng/ul	100
17) Hexachloroethane	8.66	117	116123	19.988	ng/ul	100
20) Nitrobenzene	8.79	77	351777	19.389	ng/ul	100
21) Isophorone	9.32	82	662137	22.943	ng/ul	100
23) 2-Nitrophenol	9.50	139	171691	21.809	ng/ul	100
24) 2,4-Dimethylphenol	9.56	107	351304	20.440	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.80	93	403508	22.296	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	295399	21.243	ng/ul	100
28) Naphthalene	10.42	128	950804	19.697	ng/ul	100
30) 4-Chloroaniline	10.55	127	276857	21.890	ng/ul	100
31) Hexachlorobutadiene	10.70	225	193129	20.586	ng/ul	100
32) Caprolactam	11.32	113	94891m	22.371	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	327570	22.539	ng/ul	100
34) 2-Methylnaphthalene	12.04	142	709724	21.291	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	375667	18.913	ng/ul	100
37) Hexachlorocyclopentadiene	12.39	237	229029	20.529	ng/ul	100
38) 2,4,6-Trichlorophenol	12.66	196	247482	21.472	ng/ul	100
39) 2,4,5-Trichlorophenol	12.74	196	264974	20.654	ng/ul	100
40) 1,1'-Biphenyl	13.07	154	925750	19.513	ng/ul	100
41) 2-Chloronaphthalene	13.11	162	724500	19.064	ng/ul	100
42) 2-Nitroaniline	13.33	65	216401	21.134	ng/ul	100
44) Dimethylphthalate	13.72	163	950100	21.828	ng/ul	100
45) 2,6-Dinitrotoluene	13.84	165	191738	22.948	ng/ul	100
47) Acenaphthylene	13.96	152	1115561	20.208	ng/ul	100
48) 3-Nitroaniline	14.17	138	175766	20.545	ng/ul	100
49) Acenaphthene	14.31	153	800465	19.635	ng/ul	100
50) 2,4-Dinitrophenol	14.38	184	114769	22.761	ng/ul	100
52) 4-Nitrophenol	14.49	109	145499	20.295	ng/ul	100
53) Dibenzofuran	14.64	168	1134507	20.091	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	290090	23.690	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.88	232	243389	23.061	ng/ul	100
56) Diethylphthalate	15.09	149	983964	24.202	ng/ul	100
58) Fluorene	15.30	166	945163	20.953	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	485106	21.829	ng/ul	100
60) 4-Nitroaniline	15.34	138	186105	19.984	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.39	198	186977	21.041	ng/ul	100
64) N-Nitrosodiphenylamine	15.52	169	827761	20.334	ng/ul	100
65) 4-Bromophenyl-phenylether	16.20	248	304846	21.354	ng/ul	100
66) Hexachlorobenzene	16.30	284	337958	19.956	ng/ul	100
67) Atrazine	16.48	200	301060	23.137	ng/ul	100
68) Pentachlorophenol	16.65	266	197358	21.604	ng/ul	100
69) Phenanthrene	17.04	178	1520516	19.644	ng/ul	100
71) Anthracene	17.13	178	1557873	20.178	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	373673	17.266	ng/uL	100
73) Pentachlorobenzene	14.56	250	386123	18.563	ng/uL	100
74) Carbazole	17.42	167	1361302	19.587	ng/ul	100
75) Di-n-butylphthalate	17.98	149	1739311	28.753	ng/ul	100
76) Fluoranthene	19.07	202	1842525	21.262	ng/ul	100
79) Pyrene	19.43	202	1884035	17.898	ng/ul	100
80) Butylbenzylphthalate	20.34	149	816233	28.441	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.13	252	633769	22.329	ng/ul	100
82) Benzo(a)anthracene	21.19	228	1934823	20.477	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	1209097	33.869	ng/ul	100
84) Chrysene	21.24	228	1794985	19.107	ng/ul	100
86) Di-n-octyl phthalate	22.00	149	1989666	29.946	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	1843958	19.650	ng/ul	100
88) Benzo(k)fluoranthene	22.78	252	1861838	19.919	ng/ul	100
90) Benzo(a)pyrene	23.30	252	1790081	19.637	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.57	276	1896263	20.627	ng/ul	100
92) Dibenzo(a,h)anthracene	25.58	278	1592682	20.842	ng/ul	100
93) Benzo(g,h,i)perylene	26.23	276	1516660	19.077	ng/ul	100

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

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