Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121318\
Data File : BM018131.D
Acq On : 13 Dec 2018 16:23
Operator : JU/SJ
Sample : SSTD16056
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16057

Quant Time: Dec 13 16:58:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 15:06:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	137378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	619205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	363412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	827591	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	895763	20.00	ng/ul	0.01
85) Perylene-d12	23.33	264	692376	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	164488	54.80	ng/uL	0.00
5) Phenol-d5	6.73	99	2213615	176.43	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	1143714	151.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	1752539	178.52	ng/ul	0.01
13) 4-Methylphenol-d8	8.25	113	1754099	171.11	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	865794	182.04	ng/ul	0.02
22) 2-Nitrophenol-d4	9.39	143	1017087	186.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	1797828	173.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	1347452	151.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	5079693	161.09	ng/ul	0.02
46) Acenaphthylene-d8	13.87	160	6377824	167.13	ng/ul	0.02
51) 4-Nitrophenol-d4	14.46	143	1002127	174.80	ng/ul	0.04
57) Fluorene-d10	15.19	176	4130767	151.71	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	1078389	182.28	ng/ul	0.03
70) Anthracene-d10	17.04	188	6664510	161.75	ng/ul	0.02
78) Pyrene-d10	19.36	212	7129232	164.48	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.20	264	6003734	159.88	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	168263	52.540	ng/uL	96
4) Benzaldehyde	6.68	77	256530	109.649	ng/ul	95
6) Phenol	6.76	94	2175810	173.736	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.97	93	1534627	160.393	ng/ul	99
10) 2-Chlorophenol	7.09	128	1744714	177.882	ng/ul	96
11) 2-Methylphenol	7.97	108	1690230	176.894	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.06	45	1443195	127.848	ng/ul	96
14) Acetophenone	8.36	105	2635610	164.942	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.37	70	1347286	161.661	ng/ul	98
16) 4-Methylphenol	8.33	108	1804713	174.784	ng/ul	97
17) Hexachloroethane	8.57	117	645772	162.388	ng/ul	99
20) Nitrobenzene	8.73	77	1889703	158.298	ng/ul	99
21) Isophorone	9.26	82	3695436	166.404	ng/ul	98
23) 2-Nitrophenol	9.43	139	1026770	181.044	ng/ul	98
24) 2,4-Dimethylphenol	9.50	107	2016189	170.180	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.73	93	2171782	159.812	ng/ul	100
27) 2,4-Dichlorophenol	9.96	162	1697298	173.271	ng/ul	96
28) Naphthalene	10.34	128	5268882	163.317	ng/ul	98
30) 4-Chloroaniline	10.47	127	1379902	151.921	ng/ul	97
31) Hexachlorobutadiene	10.60	225	995090	152.960	ng/ul	99
32) Caprolactam	11.34	113	333519	102.912	ng/ul	91
33) 4-Chloro-3-methylphenol	11.63	107	1914140	172.057	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	3886300	161.367	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	1931487	159.285 ng/ul	98
37) Hexachlorocyclopentadiene	12.30	237	1216096	155.513 ng/ul	97
38) 2,4,6-Trichlorophenol	12.60	196	1343467	170.473 ng/ul	99
39) 2,4,5-Trichlorophenol	12.68	196	1430505	169.723 ng/ul	98
40) 1,1'-Biphenyl	13.00	154	4674910	156.270 ng/ul	99
41) 2-Chloronaphthalene	13.05	162	3727934	159.304 ng/ul	97
42) 2-Nitroaniline	13.28	65	1072600	157.397 ng/ul	92
44) Dimethylphthalate	13.66	163	4881234	159.781 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	1099069	183.090 ng/ul	97
47) Acenaphthylene	13.90	152	5967071	167.424 ng/ul	99
48) 3-Nitroaniline	14.13	138	932205	162.783 ng/ul	88
49) Acenaphthene	14.24	153	4156872	161.835 ng/ul	100
50) 2,4-Dinitrophenol	14.34	184	803365	197.386 ng/ul	97
52) 4-Nitrophenol	14.47	109	801234	169.919 ng/ul	97
53) Dibenzofuran	14.59	168	5763269	158.561 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	1591242	175.072 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.83	232	1295649	166.718 ng/ul	97
56) Diethylphthalate	15.04	149	4739489	150.600 ng/ul	99
58) Fluorene	15.24	166	4467769	147.400 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.24	204	2260219	145.168 ng/ul	99
60) 4-Nitroaniline	15.33	138	1183498	185.897 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.37	198	1079204	177.001 ng/ul#	96
64) N-Nitrosodiphenylamine	15.47	169	4241278	166.455 ng/ul	97
65) 4-Bromophenyl-phenylether	16.13	248	1492609	157.834 ng/ul	99
66) Hexachlorobenzene	16.24	284	1605689	152.755 ng/ul	100
67) Atrazine	16.44	200	1487617	157.400 ng/ul	99
68) Pentachlorophenol	16.60	266	1042762	159.452 ng/ul	99
69) Phenanthrene	16.99	178	7533250	159.176 ng/ul	99
71) Anthracene	17.09	178	7861057	162.418 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.96	216	1846643	157.453 ng/uL	97
73) Pentachlorobenzene	14.50	250	1977691	164.868 ng/uL	97
74) Carbazole	17.36	167	7003661	164.221 ng/ul	99
75) Di-n-butylphthalate	17.92	149	8735025	162.071 ng/ul	99
76) Fluoranthene	19.02	202	8322226	149.500 ng/ul	97
79) Pyrene	19.39	202	8798460	161.805 ng/ul	99
80) Butylbenzylphthalate	20.30	149	4022092	172.982 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.09	252	3058695	165.875 ng/ul	100
82) Benzo(a)anthracene	21.15	228	8697856	156.549 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.09	149	6088856	176.843 ng/ul	99
84) Chrysene	21.20	228	7980231	153.581 ng/ul	97
86) Di-n-octyl phthalate	21.96	149	10086289	207.988 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	7037818	163.527 ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	7087456	169.444 ng/ul	100
90) Benzo(a)pyrene	23.26	252	6456866	158.205 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.50	276	7116611	164.566 ng/ul	96
92) Dibenzo(a,h)anthracene	25.51	278	6043760	165.529 ng/ul	99
93) Benzo(g,h,i)perylene	26.16	276	5751406	164.559 ng/ul	98

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

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