Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070819\
Data File : BM021406.D
Acq On : 08 Jul 2019 16:02
Operator : HP/JU
Sample : SSTD16028
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16028

Quant Time: Jul 08 16:39:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 14:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	161272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	621007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	359386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	820321	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	901539	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	1032735	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	198121	58.33	ng/uL	0.00
5) Phenol-d5	6.92	99	2040025	145.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	1187224	141.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	1770786	155.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	1611564	137.53	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	848596	168.29	ng/ul	0.01
22) 2-Nitrophenol-d4	9.62	143	1004514	179.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	1900649	166.99	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	1005828	84.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	4968139	152.99	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	6320781	159.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	891757	168.82	ng/ul	0.02
57) Fluorene-d10	15.38	176	4370291	154.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	1053299	208.87	ng/ul	0.02
70) Anthracene-d10	17.24	188	6798550	159.48	ng/ul	0.01
78) Pyrene-d10	19.53	212	7689907	142.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	9885532	162.24	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	207651	60.421	ng/uL	97
4) Benzaldehyde	6.89	77	276016	43.131	ng/ul	98
6) Phenol	6.95	94	1914726	144.211	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	1448659	142.958	ng/ul	99
10) 2-Chlorophenol	7.31	128	1651115	153.610	ng/ul	98
11) 2-Methylphenol	8.19	108	1466786	142.779	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	1743664	134.753	ng/ul	100
14) Acetophenone	8.57	105	2315691	137.315	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	1137329	129.582	ng/ul	97
16) 4-Methylphenol	8.53	108	1539381	137.697	ng/ul	98
17) Hexachloroethane	8.80	117	696507	155.460	ng/ul	99
20) Nitrobenzene	8.95	77	1776171	156.790	ng/ul	96
21) Isophorone	9.48	82	3119624	146.229	ng/ul	99
23) 2-Nitrophenol	9.65	139	955387	169.743	ng/ul	96
24) 2,4-Dimethylphenol	9.72	107	1741695	151.471	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	1929174	146.739	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	1689468	163.050	ng/ul	99
28) Naphthalene	10.57	128	4891627	153.421	ng/ul	100
30) 4-Chloroaniline	10.70	127	970704	86.939	ng/ul	99
31) Hexachlorobutadiene	10.84	225	1216008	172.240	ng/ul	99
32) Caprolactam	11.53	113	241242	82.818	ng/ul	92
33) 4-Chloro-3-methylphenol	11.84	107	1557254	147.413	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	3604360	147.434	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	2221135	173.121 ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	1353142	177.284 ng/ul	98
38) 2,4,6-Trichlorophenol	12.81	196	1399335	175.509 ng/ul	97
39) 2,4,5-Trichlorophenol	12.89	196	1487562	174.667 ng/ul	98
40) 1,1'-Biphenyl	13.22	154	4609708	155.489 ng/ul	100
41) 2-Chloronaphthalene	13.26	162	3747266	159.987 ng/ul	100
42) 2-Nitroaniline	13.48	65	932344	163.788 ng/ul	98
44) Dimethylphthalate	13.85	163	4463765	151.005 ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	994262	176.230 ng/ul#	87
47) Acenaphthylene	14.11	152	5336399	156.797 ng/ul	99
48) 3-Nitroaniline	14.32	138	765626	155.018 ng/ul	95
49) Acenaphthene	14.45	153	3828362	153.436 ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	676953	238.845 ng/ul	93
52) 4-Nitrophenol	14.64	109	621669	159.118 ng/ul	98
53) Dibenzofuran	14.79	168	5532819	155.741 ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	1435568	175.341 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	1337273	180.066 ng/ul	97
56) Diethylphthalate	15.22	149	4296163	150.636 ng/ul	98
58) Fluorene	15.44	166	4457880	154.445 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	2498729	158.778 ng/ul	96
60) 4-Nitroaniline	15.50	138	938838	178.831 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	1002313	198.003 ng/ul#	95
64) N-Nitrosodiphenylamine	15.66	169	3836509	154.424 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	1667068	165.721 ng/ul	97
66) Hexachlorobenzene	16.43	284	1912391	165.875 ng/ul	98
67) Atrazine	16.62	200	1303076	144.572 ng/ul	100
68) Pentachlorophenol	16.79	266	1153891	199.603 ng/ul	100
69) Phenanthrene	17.18	178	7115115	156.831 ng/ul	99
71) Anthracene	17.27	178	7292175	157.729 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	2173966	168.464 ng/uL	99
73) Pentachlorobenzene	14.70	250	2187892	164.767 ng/uL	99
74) Carbazole	17.55	167	6289599	165.069 ng/ul	99
75) Di-n-butylphthalate	18.10	149	7206712	157.539 ng/ul	100
76) Fluoranthene	19.20	202	8716570	177.814 ng/ul	100
79) Pyrene	19.56	202	8826615	138.488 ng/ul	98
80) Butylbenzylphthalate	20.46	149	3503787	148.511 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.25	252	3261228	161.395 ng/ul	99
82) Benzo(a)anthracene	21.31	228	9312916	151.520 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.23	149	5088597	151.486 ng/ul	97
84) Chrysene	21.37	228	8661977	150.477 ng/ul	96
86) Di-n-octyl phthalate	22.12	149	8823452	148.271 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	10443821	159.646 ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	9514322	151.177 ng/ul	97
90) Benzo(a)pyrene	23.50	252	9843699	159.869 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	12528537	172.793 ng/ul	96
92) Dibenzo(a,h)anthracene	25.91	278	10442042	171.196 ng/ul	98
93) Benzo(g,h,i)perylene	26.60	276	10301717	172.512 ng/ul	98

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

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