Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM121719\
Data File : BM024123.D
Acq On : 17 Dec 2019 15:16
Operator : JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160020

Quant Time: Dec 17 15:48:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 14:04:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	308141	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1484098	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	1019964	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	2243405	20.00	ng/ul	0.01
78) Chrysene-d12	21.09	240	2283312	20.00	ng/ul	0.01
86) Perylene-d12	23.22	264	2257583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	445538	64.33	ng/uL	0.00
5) Phenol-d5	6.66	99	5055234	187.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.81	67	2755863	175.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	3676525	176.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	4049610	190.05	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	1866241	162.01	ng/ul	0.01
22) 2-Nitrophenol-d4	9.33	143	2205180	168.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	4093236	165.10	ng/ul	0.01
29) 4-Chloroaniline-d4	10.38	131	4141453	152.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	12040508	151.93	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	14464094	155.73	ng/ul	0.01
52) 4-Nitrophenol-d4	14.39	143	2453095	184.11	ng/ul	0.03
58) Fluorene-d10	15.13	176	10512132	157.62	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.29	200	2565228	182.15	ng/ul	0.02
71) Anthracene-d10	16.98	188	15128495	141.20	ng/ul	0.01
79) Pyrene-d10	19.29	212	16332310	138.43	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.10	264	18754158	157.16	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	471470	63.476	ng/uL	91
4) Benzaldehyde	6.61	77	2201389	154.776	ng/ul	95
6) Phenol	6.69	94	5144976	185.193	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	3711540	171.818	ng/ul	99
10) 2-Chlorophenol	7.03	128	3731620	174.710	ng/ul	97
11) 2-Methylphenol	7.92	108	3830117	184.812	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	4123619	175.811	ng/ul	99
14) Acetophenone	8.29	105	5747655	176.438	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.31	70	3242610	186.167	ng/ul	97
16) 4-Methylphenol	8.27	108	4165835	184.709	ng/ul	98
17) Hexachloroethane	8.52	117	1440965	163.555	ng/ul	92
20) Nitrobenzene	8.66	77	4764610	170.270	ng/ul	96
21) Isophorone	9.20	82	9194604	173.084	ng/ul	98
23) 2-Nitrophenol	9.36	139	2305586	166.454	ng/ul	99
24) 2,4-Dimethylphenol	9.44	107	4569239	163.480	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.67	93	5420226	162.631	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	3911650	164.188	ng/ul	98
28) Naphthalene	10.28	128	12060824	154.150	ng/ul	99
30) 4-Chloroaniline	10.40	127	4142705	147.964	ng/ul	100
31) Hexachlorobutadiene	10.56	225	2180393	144.939	ng/ul	99
32) Caprolactam	11.26	113	832446	115.712	ng/ul	93
33) 4-Chloro-3-methylphenol	11.57	107	4566234	181.090	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	8894350	156.558	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	9037020	162.021 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	4515389	141.932 ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	2685591	181.156 ng/ul	96
39) 2,4,6-Trichlorophenol	12.55	196	3283549	158.435 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	3491023	158.452 ng/ul	98
41) 1,1'-Biphenyl	12.95	154	11838543	143.654 ng/ul	97
42) 2-Chloronaphthalene	12.99	162	9466490	150.125 ng/ul	99
43) 2-Nitroaniline	13.22	65	3134038	191.216 ng/ul	94
45) Dimethylphthalate	13.60	163	12101732	155.993 ng/ul	98
46) 2,6-Dinitrotoluene	13.73	165	2858464	188.325 ng/ul	94
48) Acenaphthylene	13.84	152	13927083	148.280 ng/ul	93
49) 3-Nitroaniline	14.06	138	2272555	160.103 ng/ul	98
50) Acenaphthene	14.19	153	10393345	155.759 ng/ul	100
51) 2,4-Dinitrophenol	14.27	184	1890911	233.704 ng/ul	92
53) 4-Nitrophenol	14.40	109	1857722	189.219 ng/ul	93
54) Dibenzofuran	14.53	168	13496777	142.963 ng/ul	94
55) 2,4-Dinitrotoluene	14.53	165	4164519	188.635 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.77	232	3247209	167.311 ng/ul	97
57) Diethylphthalate	14.99	149	12397018	159.698 ng/ul	94
59) Fluorene	15.19	166	12228386	160.607 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.19	204	6216888	162.074 ng/ul	94
61) 4-Nitroaniline	15.24	138	2450076	153.012 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.30	198	2687512	177.697 ng/ul#	92
65) N-Nitrosodiphenylamine	15.40	169	10532114	148.248 ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	4188218	153.133 ng/ul	93
67) Hexachlorobenzene	16.19	284	4947933	156.084 ng/ul	95
68) Atrazine	16.39	200	4016726	161.276 ng/ul	98
69) Pentachlorophenol	16.54	266	2927976	162.995 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	4661623	138.159 ng/uL	98
74) Pentachlorobenzene	14.45	250	5161562	142.260 ng/uL	98
75) Carbazole	17.29	167	15527562	139.367 ng/ul#	82
76) Di-n-butylphthalate	17.86	149	14959717	107.980 ng/ul#	85
77) Fluoranthene	18.94	202	16195245	119.160 ng/ul#	85
80) Pyrene	19.32	202	15492003	100.699 ng/ul#	77
81) Butylbenzylphthalate	20.24	149	10422573	159.468 ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.02	252	7301131	126.466 ng/ul#	98
83) Benzo(a)anthracene	21.13	228	14489947	94.943 ng/ul#	70
84) Bis(2-ethylhexyl)phthalate	21.02	149	12022273	123.759 ng/ul#	83
85) Chrysene	21.13	228	14489947	101.102 ng/ul#	72
87) Di-n-octyl phthalate	21.87	149	2696597	20.427 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	21557862	154.410 ng/ul#	89
89) Benzo(k)fluoranthene	22.64	252	1388367	10.476 ng/ul#	89
91) Benzo(a)pyrene	23.14	252	17900469	135.602 ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.37	276	22461865	137.032 ng/ul	96
93) Dibenzo(a,h)anthracene	25.37	278	18990883	137.933 ng/ul	98
94) Benzo(g,h,i)perylene	26.01	276	18000249	131.122 ng/ul	100

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

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