Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024119.D
Acq On : 17 Dec 2019 12:52
Operator : JU
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010040

Manual Integrations APPROVED
mohammad
12/18/2019 2:42:15 PM

Quant Time: Dec 17 14:11:45 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	285250	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1332565	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	904408	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2033289	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	2125675	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2476840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	25130	3.92	ng/uL	0.00
5) Phenol-d5	6.65	99	237199	9.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	157019	10.80	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	185463	9.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	198576	10.07	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	88451	8.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	95709	8.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	191954	8.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	223745	9.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	671234	9.55	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	782738	9.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	93761	7.94	ng/ul	0.00
58) Fluorene-d10	15.12	176	586306	9.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	93721	7.34	ng/ul	0.00
71) Anthracene-d10	16.97	188	909039	9.36	ng/ul	0.00
79) Pyrene-d10	19.28	212	992512	9.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1186470	9.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	29365	4.271	ng/uL	95
4) Benzaldehyde	6.62	77	176641	13.416	ng/ul	94
6) Phenol	6.67	94	249862	9.716	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	209541	10.479	ng/ul	99
10) 2-Chlorophenol	7.02	128	191593	9.690	ng/ul	99
11) 2-Methylphenol	7.91	108	186878	9.741	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	249330	11.483	ng/ul	97
14) Acetophenone	8.28	105	319070	10.581	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.27	70	183947	11.408	ng/ul	99
16) 4-Methylphenol	8.24	108	210968	10.105	ng/ul	100
17) Hexachloroethane	8.51	117	80667	9.891	ng/ul	97
20) Nitrobenzene	8.65	77	255600	10.173	ng/ul	98
21) Isophorone	9.17	82	479532	10.053	ng/ul	100
23) 2-Nitrophenol	9.36	139	106698	8.579	ng/ul	92
24) 2,4-Dimethylphenol	9.43	107	243526	9.704	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	307134	10.263	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	191743	8.963	ng/ul	97
28) Naphthalene	10.27	128	692484	9.857	ng/ul	100
30) 4-Chloroaniline	10.40	127	231224	9.198	ng/ul	97
31) Hexachlorobutadiene	10.56	225	122596	9.076	ng/ul	96
32) Caprolactam	11.20	113	65568m	10.151	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	231763	10.237	ng/ul	97
34) 2-Methylnaphthalene	11.90	142	492875	9.662	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	502591	10.035 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	239120	8.477 ng/ul	97
38) Hexachlorocyclopentadiene	12.26	237	63995	4.868 ng/ul	99
39) 2,4,6-Trichlorophenol	12.53	196	154418	8.403 ng/ul	99
40) 2,4,5-Trichlorophenol	12.62	196	161388	8.261 ng/ul	94
41) 1,1'-Biphenyl	12.94	154	671368	9.188 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	529638	9.472 ng/ul	99
43) 2-Nitroaniline	13.20	65	145287	9.997 ng/ul	97
45) Dimethylphthalate	13.59	163	697293	10.137 ng/ul	99
46) 2,6-Dinitrotoluene	13.71	165	129131	9.595 ng/ul	98
48) Acenaphthylene	13.83	152	844032	10.134 ng/ul	99
49) 3-Nitroaniline	14.04	138	109699	8.716 ng/ul	96
50) Acenaphthene	14.18	153	579743	9.798 ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	43632	6.082 ng/ul	98
53) 4-Nitrophenol	14.37	109	79908	9.179 ng/ul	95
54) Dibenzofuran	14.52	168	818361	9.776 ng/ul	98
55) 2,4-Dinitrotoluene	14.51	165	198453	10.138 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.76	232	148172	8.610 ng/ul	98
57) Diethylphthalate	14.96	149	704631	10.237 ng/ul	99
59) Fluorene	15.17	166	681309	10.092 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.17	204	334512	9.835 ng/ul	97
61) 4-Nitroaniline	15.21	138	126636m	8.919 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.28	198	105580	7.702 ng/ul	97
65) N-Nitrosodiphenylamine	15.39	169	579323	8.997 ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	205063	8.272 ng/ul	97
67) Hexachlorobenzene	16.18	284	258905	9.011 ng/ul	99
68) Atrazine	16.36	200	201609	8.931 ng/ul	99
69) Pentachlorophenol	16.53	266	105370	6.472 ng/ul	97
70) Phenanthrene	16.91	178	1130854	9.845 ng/ul	98
72) Anthracene	17.00	178	1128524	9.677 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	245946	8.043 ng/uL	96
74) Pentachlorobenzene	14.44	250	275829	8.388 ng/uL	97
75) Carbazole	17.28	167	948820	9.396 ng/ul	99
76) Di-n-butylphthalate	17.86	149	1138202	9.065 ng/ul	100
77) Fluoranthene	18.94	202	1296581	10.526 ng/ul	97
80) Pyrene	19.30	202	1368510	9.555 ng/ul	100
81) Butylbenzylphthalate	20.23	149	500962	8.233 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.01	252	422737	7.865 ng/ul	99
83) Benzo(a)anthracene	21.07	228	1353346	9.525 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	762388	8.430 ng/ul	100
85) Chrysene	21.12	228	1316159	9.864 ng/ul	100
87) Di-n-octyl phthalate	21.88	149	1271100	8.776 ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1483395	9.684 ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1392855	9.579 ng/ul	99
91) Benzo(a)pyrene	23.13	252	1312853	9.065 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.33	276	1549722	8.617 ng/ul	99
93) Dibenzo(a,h)anthracene	25.33	278	1288897	8.533 ng/ul	99
94) Benzo(g,h,i)perylene	25.97	276	1292069	8.579 ng/ul	99

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

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