Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090519\
Data File : BM022530.D
Acq On : 05 Sep 2019 20:29
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
mohammad
9/9/2019 5:22:40 PM

Quant Time: Sep 06 02:17:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 05 19:43:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	225038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1016487	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.50	164	656411	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1344555	20.00	ng/ul	0.00
78) Chrysene-d12	21.41	240	1378237	20.00	ng/ul	0.00
86) Perylene-d12	23.71	264	1582681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	43372	8.03	ng/uL	0.00
5) Phenol-d5	7.02	99	434178	20.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	254729	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	348019	21.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	358766	21.26	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	160099	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	151845	22.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	361830	21.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	509293	22.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1113281	20.93	ng/ul	0.00
47) Acenaphthylene-d8	14.19	160	1426620	22.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	193357	21.28	ng/ul	0.00
58) Fluorene-d10	15.49	176	932924	20.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	121491	19.88	ng/ul	0.00
71) Anthracene-d10	17.33	188	1454504	21.12	ng/ul	0.00
79) Pyrene-d10	19.62	212	1598861	20.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1725288	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	44105	8.117	ng/uL	94
4) Benzaldehyde	7.00	77	291149	26.859	ng/ul	97
6) Phenol	7.05	94	438313	20.207	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.29	93	341127	20.707	ng/ul	100
10) 2-Chlorophenol	7.43	128	353195	20.494	ng/ul	100
11) 2-Methylphenol	8.30	108	346453	20.466	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	524310	21.640	ng/ul	99
14) Acetophenone	8.68	105	554037	21.038	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.67	70	300155	21.101	ng/ul	99
16) 4-Methylphenol	8.62	108	372612	20.386	ng/ul	94
17) Hexachloroethane	8.95	117	140334	20.554	ng/ul	98
20) Nitrobenzene	9.06	77	396840	21.629	ng/ul	100
21) Isophorone	9.59	82	849051	20.651	ng/ul	99
23) 2-Nitrophenol	9.77	139	178260	22.209	ng/ul	98
24) 2,4-Dimethylphenol	9.83	107	417610	20.752	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.07	93	494761	20.524	ng/ul	99
27) 2,4-Dichlorophenol	10.30	162	346141	20.420	ng/ul	99
28) Naphthalene	10.71	128	1155369	20.501	ng/ul	100
30) 4-Chloroaniline	10.81	127	500339	21.476	ng/ul	99
31) Hexachlorobutadiene	11.01	225	206875	19.810	ng/ul	98
32) Caprolactam	11.56	113	160712m	25.470	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	392846	21.001	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	869886	20.488	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.54	142	853674	21.044 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.69	216	423358	19.989 ng/ul	99
38) Hexachlorocyclopentadiene	12.68	237	251905	19.293 ng/ul	100
39) 2,4,6-Trichlorophenol	12.93	196	273667	20.642 ng/ul	100
40) 2,4,5-Trichlorophenol	12.99	196	293849	20.438 ng/ul	98
41) 1,1'-Biphenyl	13.33	154	1105803	20.230 ng/ul	100
42) 2-Chloronaphthalene	13.37	162	856004	20.685 ng/ul	98
43) 2-Nitroaniline	13.56	65	224407	23.225 ng/ul	99
45) Dimethylphthalate	13.95	163	1100301	20.379 ng/ul	99
46) 2,6-Dinitrotoluene	14.06	165	198476	22.579 ng/ul	98
48) Acenaphthylene	14.22	152	1312895	19.873 ng/ul	100
49) 3-Nitroaniline	14.39	138	218621	22.936 ng/ul	97
50) Acenaphthene	14.56	153	938180	20.495 ng/ul	99
51) 2,4-Dinitrophenol	14.59	184	70702	17.533 ng/ul	89
53) 4-Nitrophenol	14.69	109	154265	21.131 ng/ul	96
54) Dibenzofuran	14.90	168	1288329	20.279 ng/ul	100
55) 2,4-Dinitrotoluene	14.84	165	289753	22.503 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.12	232	246262	20.619 ng/ul	99
57) Diethylphthalate	15.32	149	1127356	20.182 ng/ul	99
59) Fluorene	15.54	166	1080508	20.673 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.54	204	530220	20.498 ng/ul	97
61) 4-Nitroaniline	15.54	138	243791	22.445 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.61	198	136116	19.248 ng/ul	98
65) N-Nitrosodiphenylamine	15.74	169	941263	20.515 ng/ul	99
66) 4-Bromophenyl-phenylether	16.43	248	337646	20.099 ng/ul	99
67) Hexachlorobenzene	16.54	284	379331	20.490 ng/ul	98
68) Atrazine	16.70	200	419953	23.809 ng/ul	100
69) Pentachlorophenol	16.88	266	201595	19.736 ng/ul	99
70) Phenanthrene	17.27	178	1699333	20.641 ng/ul	99
72) Anthracene	17.37	178	1738210	20.554 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.30	216	419557	20.044 ng/uL	99
74) Pentachlorobenzene	14.82	250	441110	20.905 ng/uL	99
75) Carbazole	17.63	167	1606650	21.138 ng/ul	99
76) Di-n-butylphthalate	18.21	149	1997186	20.748 ng/ul	100
77) Fluoranthene	19.29	202	2022412	21.647 ng/ul	98
80) Pyrene	19.65	202	2046548	20.518 ng/ul	100
81) Butylbenzylphthalate	20.56	149	873648	20.775 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.33	252	772458	22.039 ng/ul	100
83) Benzo(a)anthracene	21.40	228	2098770	20.528 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.34	149	1334218	20.908 ng/ul	99
85) Chrysene	21.45	228	1929431	20.508 ng/ul	99
87) Di-n-octyl phthalate	22.24	149	2279253	20.117 ng/ul	100
88) Benzo(b)fluoranthene	23.01	252	2124129	20.400 ng/ul	100
89) Benzo(k)fluoranthene	23.06	252	2044427	20.205 ng/ul	99
91) Benzo(a)pyrene	23.61	252	2017200	20.304 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.05	276	2370190	20.652 ng/ul	99
93) Dibenzo(a,h)anthracene	26.06	278	1966239	20.587 ng/ul	100
94) Benzo(g,h,i)perylene	26.76	276	1939540	20.572 ng/ul	99

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

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