Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023912.D
Acq On : 27 Nov 2019 14:58
Operator : JU
Sample : SSTD02004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020040

Manual Integrations APPROVED
Sohil
11/29/2019 8:45:40 AM

Quant Time: Nov 27 15:50:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 15:25:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	330323	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1409968	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	894937	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1817602	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1772863	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2011983	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	63879	7.97	ng/uL	0.00
5) Phenol-d5	6.68	99	612911	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	369261	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	479379	21.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	489708	20.39	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	235247	23.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	266961	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	514585	21.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	619308	23.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1510928	21.65	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	1752982	22.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	238656	20.03	ng/ul	0.00
58) Fluorene-d10	15.15	176	1254830	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	228457	21.73	ng/ul	0.00
71) Anthracene-d10	17.00	188	1868450	21.67	ng/ul	0.00
79) Pyrene-d10	19.31	212	1955183	21.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	2295244	21.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	67675	7.882	ng/uL	100
4) Benzaldehyde	6.65	77	390225	22.091	ng/ul	100
6) Phenol	6.71	94	615912	19.856	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.93	93	493280	20.764	ng/ul	100
10) 2-Chlorophenol	7.06	128	493758	21.950	ng/ul	100
11) 2-Methylphenol	7.95	108	463692	20.028	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	550180	23.739	ng/ul	100
14) Acetophenone	8.32	105	746825	19.936	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.30	70	415710	21.123	ng/ul	100
16) 4-Methylphenol	8.27	108	512744	20.001	ng/ul	100
17) Hexachloroethane	8.55	117	206195	23.105	ng/ul	100
20) Nitrobenzene	8.69	77	567729	21.276	ng/ul	100
21) Isophorone	9.22	82	1112230	21.367	ng/ul	100
23) 2-Nitrophenol	9.39	139	287032	24.327	ng/ul	100
24) 2,4-Dimethylphenol	9.46	107	574966	21.324	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.70	93	687917	21.059	ng/ul	100
27) 2,4-Dichlorophenol	9.92	162	489132	21.024	ng/ul	100
28) Naphthalene	10.32	128	1599622	21.585	ng/ul	100
30) 4-Chloroaniline	10.43	127	627524	22.985	ng/ul	100
31) Hexachlorobutadiene	10.60	225	308413	19.632	ng/ul	100
32) Caprolactam	11.23	113	138895m	18.422	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	525676	20.356	ng/ul	100
34) 2-Methylnaphthalene	11.94	142	1171721	20.669	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	1151596	20.597	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	587999	20.108	ng/ul	100
38) Hexachlorocyclopentadiene	12.30	237	227332	14.841	ng/ul	100
39) 2,4,6-Trichlorophenol	12.57	196	388734	21.560	ng/ul	100
40) 2,4,5-Trichlorophenol	12.65	196	420799	21.430	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	1540413	22.313	ng/ul	100
42) 2-Chloronaphthalene	13.02	162	1171844	22.053	ng/ul	100
43) 2-Nitroaniline	13.23	65	311210	24.623	ng/ul	100
45) Dimethylphthalate	13.62	163	1468367	21.470	ng/ul	100
46) 2,6-Dinitrotoluene	13.74	165	290733	23.339	ng/ul	100
48) Acenaphthylene	13.87	152	1770740	22.084	ng/ul	100
49) 3-Nitroaniline	14.07	138	266022	22.471	ng/ul	100
50) Acenaphthene	14.22	153	1243309	21.850	ng/ul	100
51) 2,4-Dinitrophenol	14.29	184	120265	15.313	ng/ul	100
53) 4-Nitrophenol	14.40	109	173488	18.045	ng/ul	100
54) Dibenzofuran	14.56	168	1780081	21.133	ng/ul	100
55) 2,4-Dinitrotoluene	14.54	165	424114	22.275	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.79	232	367337	19.764	ng/ul	100
57) Diethylphthalate	15.00	149	1473752	21.959	ng/ul	100
59) Fluorene	15.21	166	1426910	20.881	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.21	204	723258	19.613	ng/ul	100
61) 4-Nitroaniline	15.24	138	298860	20.611	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.31	198	244554	21.391	ng/ul	100
65) N-Nitrosodiphenylamine	15.43	169	1247523	23.394	ng/ul	100
66) 4-Bromophenyl-phenylether	16.10	248	477941	21.516	ng/ul	100
67) Hexachlorobenzene	16.22	284	556908	21.280	ng/ul	100
68) Atrazine	16.39	200	435645	21.807	ng/ul	100
69) Pentachlorophenol	16.57	266	288690	18.605	ng/ul	100
70) Phenanthrene	16.94	178	2198688	21.961	ng/ul	100
72) Anthracene	17.04	178	2242656	22.277	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	582735	22.614	ng/uL	100
74) Pentachlorobenzene	14.48	250	624729	21.943	ng/uL	100
75) Carbazole	17.32	167	1953816	23.282	ng/ul	100
76) Di-n-butylphthalate	17.89	149	2480417	26.804	ng/ul	100
77) Fluoranthene	18.97	202	2479731	23.118	ng/ul	100
80) Pyrene	19.34	202	2555781	22.303	ng/ul	100
81) Butylbenzylphthalate	20.26	149	1112247	30.645	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.04	252	943145	25.349	ng/ul	100
83) Benzo(a)anthracene	21.10	228	2559274	21.885	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1693120	30.897	ng/ul	100
85) Chrysene	21.15	228	2376500	21.587	ng/ul	100
87) Di-n-octyl phthalate	21.91	149	2777361	28.243	ng/ul	100
88) Benzo(b)fluoranthene	22.63	252	2648199	20.648	ng/ul	100
89) Benzo(k)fluoranthene	22.67	252	2644517	21.402	ng/ul	100
91) Benzo(a)pyrene	23.17	252	2524330	21.499	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.39	276	3079796	24.530	ng/ul	100
93) Dibenzo(a,h)anthracene	25.40	278	2599714	24.535	ng/ul	100
94) Benzo(g,h,i)perylene	26.04	276	2560920	25.172	ng/ul	100

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

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