Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024141.D
Acq On : 18 Dec 2019 02:56
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
mohammad
12/19/2019 11:15:26 AM

Quant Time: Dec 18 03:29:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	354787	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1684971	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1118956	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	2418050	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2305486	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2174892	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	62057	7.73	ng/uL	0.00
5) Phenol-d5	6.65	99	631059	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	380357	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	469427	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	520846	18.97	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	237476	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	271267	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	521598	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	603502	19.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	1551824	18.75	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1969456	19.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	254017	17.10	ng/ul	0.00
58) Fluorene-d10	15.12	176	1387138	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	253693	17.20	ng/ul	0.00
71) Anthracene-d10	16.97	188	2136585	19.42	ng/ul	0.00
79) Pyrene-d10	19.27	212	2272297	20.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2136199	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	63824	7.174	ng/uL	92
4) Benzaldehyde	6.61	77	429664	19.785	ng/ul	96
6) Phenol	6.67	94	656848	18.936	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.89	93	508014	18.900	ng/ul	99
10) 2-Chlorophenol	7.02	128	485157	19.744	ng/ul	97
11) 2-Methylphenol	7.91	108	492511	19.096	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.99	45	593025	19.156	ng/ul	99
14) Acetophenone	8.27	105	800487	19.330	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	441896	19.316	ng/ul	100
16) 4-Methylphenol	8.24	108	552996	19.312	ng/ul	99
17) Hexachloroethane	8.51	117	199491	19.669	ng/ul	95
20) Nitrobenzene	8.65	77	640281	19.025	ng/ul	97
21) Isophorone	9.17	82	1205788	19.168	ng/ul	99
23) 2-Nitrophenol	9.35	139	293865	20.051	ng/ul	99
24) 2,4-Dimethylphenol	9.43	107	615071	19.455	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	746584	19.104	ng/ul	100
27) 2,4-Dichlorophenol	9.89	162	501382	19.795	ng/ul	99
28) Naphthalene	10.27	128	1695424	19.202	ng/ul	99
30) 4-Chloroaniline	10.39	127	619024	19.512	ng/ul	100
31) Hexachlorobutadiene	10.56	225	299434	19.123	ng/ul	99
32) Caprolactam	11.19	113	172964m	18.071	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	599774	19.733	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	1215841	19.265	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	1244860	19.324	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	597914	19.767	ng/ul	98
38) Hexachlorocyclopentadiene	12.25	237	170966	12.544	ng/ul	95
39) 2,4,6-Trichlorophenol	12.53	196	405900	20.290	ng/ul	98
40) 2,4,5-Trichlorophenol	12.61	196	443707	20.575	ng/ul	98
41) 1,1'-Biphenyl	12.93	154	1619352	19.388	ng/ul	100
42) 2-Chloronaphthalene	12.97	162	1287077	19.613	ng/ul	99
43) 2-Nitroaniline	13.20	65	386762	20.102	ng/ul	98
45) Dimethylphthalate	13.59	163	1614460	18.774	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	338190	19.964	ng/ul	99
48) Acenaphthylene	13.83	152	2063234	19.601	ng/ul	100
49) 3-Nitroaniline	14.04	138	312681	19.449	ng/ul	100
50) Acenaphthene	14.17	153	1414562	19.545	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	140833	14.794	ng/ul	95
53) 4-Nitrophenol	14.37	109	202628	17.104	ng/ul	97
54) Dibenzofuran	14.52	168	1938236	19.263	ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	498114	19.471	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.76	232	379230	19.451	ng/ul	99
57) Diethylphthalate	14.96	149	1648929	18.860	ng/ul	99
59) Fluorene	15.17	166	1634933	19.241	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	778495	18.841	ng/ul	99
61) 4-Nitroaniline	15.21	138	324253	18.266	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.28	198	271976	17.263	ng/ul	98
65) N-Nitrosodiphenylamine	15.39	169	1379516	19.621	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	500882	19.488	ng/ul	98
67) Hexachlorobenzene	16.18	284	612918	19.475	ng/ul	96
68) Atrazine	16.36	200	488013	18.673	ng/ul	99
69) Pentachlorophenol	16.53	266	274059	16.618	ng/ul	96
70) Phenanthrene	16.91	178	2600995	19.214	ng/ul	100
72) Anthracene	17.00	178	2650702	19.477	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	613398	20.212	ng/uL	99
74) Pentachlorobenzene	14.44	250	654904	19.595	ng/uL	97
75) Carbazole	17.28	167	2294739	19.628	ng/ul	99
76) Di-n-butylphthalate	17.86	149	2779431	19.823	ng/ul	99
77) Fluoranthene	18.94	202	3013311	20.423	ng/ul	98
80) Pyrene	19.30	202	3135581	20.833	ng/ul	99
81) Butylbenzylphthalate	20.23	149	1298353	21.896	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	1026758	20.062	ng/ul	99
83) Benzo(a)anthracene	21.07	228	2882156	19.621	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1893005	21.423	ng/ul	99
85) Chrysene	21.12	228	2827564	19.639	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	3180626	27.067	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	2736594	21.029	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	2624174	20.552	ng/ul	99
91) Benzo(a)pyrene	23.12	252	2316811	19.680	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.32	276	2553831	18.066	ng/ul	99
93) Dibenzo(a,h)anthracene	25.33	278	2157552	18.205	ng/ul	99
94) Benzo(g,h,i)perylene	25.96	276	2099762	18.193	ng/ul	100

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

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