Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024174.D
Acq On : 19 Dec 2019 04:09
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:20 AM

Quant Time: Dec 19 05:58:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 19 02:44:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	482705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2174808	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1359454	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2796224	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	2115120	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1967810	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	81979	7.50	ng/uL	0.00
5) Phenol-d5	6.65	99	840540	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	502717	18.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	639859	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	686520	18.37	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	321328	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	363458	21.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	678936	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	796284	19.63	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	1903419	18.93	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2441889	20.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	317945	17.62	ng/ul	0.00
58) Fluorene-d10	15.11	176	1659474	18.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	276327	16.20	ng/ul	0.00
71) Anthracene-d10	16.96	188	2473950	19.44	ng/ul	0.00
79) Pyrene-d10	19.27	212	2466928	24.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1919097	19.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	84237	6.960	ng/uL	89
4) Benzaldehyde	6.60	77	587273	19.876	ng/ul	97
6) Phenol	6.67	94	867821	18.388	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.89	93	684877	18.728	ng/ul	99
10) 2-Chlorophenol	7.02	128	650830	19.467	ng/ul	98
11) 2-Methylphenol	7.90	108	649454	18.508	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.98	45	798576	18.960	ng/ul	99
14) Acetophenone	8.27	105	1017706	18.063	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	585175	18.800	ng/ul	100
16) 4-Methylphenol	8.23	108	717422	18.415	ng/ul	100
17) Hexachloroethane	8.50	117	270828	19.626	ng/ul	97
20) Nitrobenzene	8.64	77	846854	19.495	ng/ul	97
21) Isophorone	9.17	82	1581111	19.474	ng/ul	99
23) 2-Nitrophenol	9.35	139	387134	20.465	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	788813	19.331	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.65	93	961777	19.068	ng/ul	99
27) 2,4-Dichlorophenol	9.88	162	647766	19.814	ng/ul	98
28) Naphthalene	10.26	128	2211347	19.404	ng/ul	100
30) 4-Chloroaniline	10.39	127	802802	19.605	ng/ul	99
31) Hexachlorobutadiene	10.55	225	391544	19.373	ng/ul	100
32) Caprolactam	11.19	113	219320m	17.754	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	747181	19.046	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	1564604	19.207	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	1576204	18.957	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	752829	20.485	ng/ul	99
38) Hexachlorocyclopentadiene	12.25	237	282338	17.051	ng/ul	98
39) 2,4,6-Trichlorophenol	12.53	196	514162	21.155	ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	545657	20.826	ng/ul	97
41) 1,1'-Biphenyl	12.93	154	2034602	20.050	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	1608166	20.171	ng/ul	99
43) 2-Nitroaniline	13.19	65	474830	20.313	ng/ul	99
45) Dimethylphthalate	13.58	163	1940567	18.574	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	415271	20.178	ng/ul	97
48) Acenaphthylene	13.83	152	2565556	20.061	ng/ul	99
49) 3-Nitroaniline	14.03	138	388280	19.879	ng/ul	97
50) Acenaphthene	14.17	153	1719791	19.558	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	229729	19.864	ng/ul	95
53) 4-Nitrophenol	14.37	109	244675	17.000	ng/ul	96
54) Dibenzofuran	14.52	168	2343486	19.171	ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	600766	19.330	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.75	232	466213	19.683	ng/ul	99
57) Diethylphthalate	14.96	149	1989497	18.730	ng/ul	100
59) Fluorene	15.17	166	1967924	19.063	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	944260	18.810	ng/ul	99
61) 4-Nitroaniline	15.20	138	407631	18.901	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	294826	16.182	ng/ul	99
65) N-Nitrosodiphenylamine	15.39	169	1643415	20.214	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	601052	20.222	ng/ul	99
67) Hexachlorobenzene	16.17	284	727871	20.000	ng/ul	98
68) Atrazine	16.36	200	579203	19.165	ng/ul	99
69) Pentachlorophenol	16.53	266	350910	18.400	ng/ul	98
70) Phenanthrene	16.91	178	3046946	19.464	ng/ul	99
72) Anthracene	17.00	178	3120672	19.829	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	761052	21.686	ng/uL	99
74) Pentachlorobenzene	14.43	250	797212	20.626	ng/uL	97
75) Carbazole	17.27	167	2634692	19.488	ng/ul	99
76) Di-n-butylphthalate	17.86	149	3332768	20.555	ng/ul	99
77) Fluoranthene	18.93	202	3330979	19.522	ng/ul	99
80) Pyrene	19.30	202	3373158	24.428	ng/ul	99
81) Butylbenzylphthalate	20.23	149	1470427	27.030	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	978063	20.830	ng/ul	100
83) Benzo(a)anthracene	21.06	228	2659884	19.738	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	2120744	26.160	ng/ul	99
85) Chrysene	21.11	228	2554057	19.336	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	3257102	30.635	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2405012	20.426	ng/ul	98
89) Benzo(k)fluoranthene	22.62	252	2270938	19.657	ng/ul	100
91) Benzo(a)pyrene	23.12	252	2103874	19.752	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	2622814	20.507	ng/ul	99
93) Dibenzo(a,h)anthracene	25.32	278	2190644	20.429	ng/ul	99
94) Benzo(g,h,i)perylene	25.95	276	2180864	20.884	ng/ul	100

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

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