Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024203.D
Acq On : 20 Dec 2019 14:52
Operator : JU
Sample : K4649-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A5167MSD

Manual Integrations APPROVED
mohammad
12/23/2019 11:55:32 AM

Quant Time: Dec 21 00:58:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	282967	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1211227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	755287	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1557243	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1567821	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1802392	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	60189	9.40	ng/uL	0.00
5) Phenol-d5	6.63	99	531965	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	355972	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	417596	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	423402	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	197745	22.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	223644	23.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	420732	22.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	547810	24.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	1289031	23.08	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1483184	22.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	185839	18.53	ng/ul	0.00
58) Fluorene-d10	15.10	176	1062049	21.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	193512	20.37	ng/ul	0.00
71) Anthracene-d10	16.96	188	1618397	22.84	ng/ul	0.00
79) Pyrene-d10	19.26	212	1713277	22.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2061254	23.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	64764	9.128	ng/uL	95
4) Benzaldehyde	6.59	77	369221	21.317	ng/ul	98
6) Phenol	6.66	94	543839	19.657	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	448175	20.906	ng/ul	97
10) 2-Chlorophenol	7.00	128	425217	21.696	ng/ul	99
11) 2-Methylphenol	7.89	108	397968	19.346	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	554986	22.478	ng/ul	98
14) Acetophenone	8.26	105	675553	20.453	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.25	70	390688	21.412	ng/ul	99
16) 4-Methylphenol	8.22	108	443361	19.413	ng/ul	100
17) Hexachloroethane	8.49	117	182548	22.567	ng/ul	96
20) Nitrobenzene	8.63	77	531092	21.953	ng/ul	98
21) Isophorone	9.16	82	1000228	22.120	ng/ul	99
23) 2-Nitrophenol	9.33	139	244370	23.195	ng/ul	93
24) 2,4-Dimethylphenol	9.41	107	511649	22.513	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	631881	22.493	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	405939	22.295	ng/ul	97
28) Naphthalene	10.25	128	1387862	21.866	ng/ul	100
30) 4-Chloroaniline	10.38	127	549616	24.100	ng/ul	96
31) Hexachlorobutadiene	10.54	225	262198	23.294	ng/ul	99
32) Caprolactam	11.17	113	120715m	17.545	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	457719	20.950	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	1011185	22.288	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	985135	21.274	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	496505	24.318	ng/ul	100
38) Hexachlorocyclopentadiene	12.23	237	147188	15.999	ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	308952	22.880	ng/ul	99
40) 2,4,5-Trichlorophenol	12.60	196	325989	22.395	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	1315848	23.340	ng/ul	100
42) 2-Chloronaphthalene	12.96	162	998841	22.550	ng/ul	99
43) 2-Nitroaniline	13.18	65	287191	22.114	ng/ul	94
45) Dimethylphthalate	13.57	163	1270689	21.891	ng/ul	99
46) 2,6-Dinitrotoluene	13.69	165	245710	21.489	ng/ul	95
48) Acenaphthylene	13.82	152	1506893	21.209	ng/ul	100
49) 3-Nitroaniline	14.02	138	230173	21.211	ng/ul	95
50) Acenaphthene	14.16	153	1074279	21.990	ng/ul	99
51) 2,4-Dinitrophenol	14.25	184	106618	16.593	ng/ul	100
53) 4-Nitrophenol	14.36	109	151407	18.935	ng/ul	95
54) Dibenzofuran	14.50	168	1516487	22.329	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	366993	21.253	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.74	232	291548	22.154	ng/ul	96
57) Diethylphthalate	14.95	149	1327566	22.496	ng/ul	99
59) Fluorene	15.16	166	1226644	21.387	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	613015	21.980	ng/ul	96
61) 4-Nitroaniline	15.20	138	222425	18.563	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.27	198	207428	20.443	ng/ul	98
65) N-Nitrosodiphenylamine	15.37	169	1058205	23.371	ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	396105	23.930	ng/ul	98
67) Hexachlorobenzene	16.17	284	453943	22.397	ng/ul	98
68) Atrazine	16.34	200	377448	22.426	ng/ul	99
69) Pentachlorophenol	16.52	266	217243	20.454	ng/ul	98
70) Phenanthrene	16.90	178	1902218	21.819	ng/ul	99
72) Anthracene	16.99	178	1946984	22.214	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	482978	24.712	ng/uL	97
74) Pentachlorobenzene	14.42	250	520645	24.188	ng/uL	98
75) Carbazole	17.27	167	1660457	22.053	ng/ul	100
76) Di-n-butylphthalate	17.84	149	2265005	25.084	ng/ul	100
77) Fluoranthene	18.93	202	2142958	22.552	ng/ul	99
80) Pyrene	19.29	202	2229326	21.781	ng/ul	99
81) Butylbenzylphthalate	20.22	149	1048205	25.995	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	820922	23.587	ng/ul	100
83) Benzo(a)anthracene	21.06	228	2287497	22.900	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1660628	27.635	ng/ul	100
85) Chrysene	21.11	228	2157483	22.035	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2824255	29.001	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2464542	22.853	ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	2362781	22.329	ng/ul	100
91) Benzo(a)pyrene	23.11	252	2325065	23.832	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2787113	23.791	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	2359386	24.022	ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	2305317	24.102	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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