Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061220\
Data File : BM026376.D
Acq On : 12 Jun 2020 13:11
Operator : JU/CG
Sample : SSTD08006
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD08006

Manual Integrations APPROVED
mohammad
6/15/2020 8:49:36 AM

Quant Time: Jun 12 13:44:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 12 12:33:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	90133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	370470	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	227711	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	495185	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	522778	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	547775	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	74035	24.78	ng/uL	0.00
5) Phenol-d5	6.62	99	634800	77.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	397186	70.22	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	483744	75.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	495108	80.35	ng/ul	0.01
19) Nitrobenzene-d5	8.56	128	237772	78.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	271991	91.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	481978	80.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	494219	81.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1342881	73.54	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1634947	75.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	258253	79.86	ng/ul	0.00
58) Fluorene-d10	15.07	176	1141359	71.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	268933	93.14	ng/ul	0.00
71) Anthracene-d10	16.92	188	1775137	72.75	ng/ul	0.00
79) Pyrene-d10	19.23	212	1975642	73.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2125944	72.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	76300	24.576	ng/uL	96
4) Benzaldehyde	6.57	77	266759	50.136	ng/ul	97
6) Phenol	6.65	94	689390	75.213	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.86	93	510866	72.438	ng/ul	98
10) 2-Chlorophenol	6.99	128	519934	74.535	ng/ul	96
11) 2-Methylphenol	7.88	108	497459	78.771	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	866994	67.729	ng/ul	99
14) Acetophenone	8.23	105	810490	78.400	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.23	70	450287	73.917	ng/ul	98
16) 4-Methylphenol	8.20	108	543376	79.116	ng/ul	98
17) Hexachloroethane	8.46	117	216854	72.463	ng/ul	97
20) Nitrobenzene	8.60	77	646421	69.688	ng/ul	97
21) Isophorone	9.13	82	1177341	76.311	ng/ul	100
23) 2-Nitrophenol	9.30	139	293531	84.525	ng/ul	98
24) 2,4-Dimethylphenol	9.39	107	603525	72.746	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	679313	69.810	ng/ul	97
27) 2,4-Dichlorophenol	9.84	162	484459	77.870	ng/ul	97
28) Naphthalene	10.22	128	1576864	69.615	ng/ul	99
30) 4-Chloroaniline	10.35	127	514408	80.939	ng/ul	98
31) Hexachlorobutadiene	10.51	225	314767	75.405	ng/ul	98
32) Caprolactam	11.14	113	163574m	94.535	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	562090	78.010	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	1103144	72.407	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	1028701	72.778	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	592438	72.588	ng/ul	99
38) Hexachlorocyclopentadiene	12.21	237	352425	74.903	ng/ul	98
39) 2,4,6-Trichlorophenol	12.49	196	391027	82.352	ng/ul	99
40) 2,4,5-Trichlorophenol	12.56	196	420898	80.328	ng/ul	98
41) 1,1'-Biphenyl	12.89	154	1409720	69.769	ng/ul	98
42) 2-Chloronaphthalene	12.93	162	1094047	70.167	ng/ul	100
43) 2-Nitroaniline	13.15	65	421677	80.240	ng/ul	96
45) Dimethylphthalate	13.55	163	1392312	72.623	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	309015	87.843	ng/ul	98
48) Acenaphthylene	13.79	152	1723834	72.579	ng/ul	100
49) 3-Nitroaniline	13.99	138	287754	91.900	ng/ul	99
50) Acenaphthene	14.13	153	1175793	70.195	ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	190365	98.445	ng/ul	95
53) 4-Nitrophenol	14.33	109	222363	77.274	ng/ul	96
54) Dibenzofuran	14.47	168	1664723	70.719	ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	444662	85.292	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.71	232	368854	83.708	ng/ul	99
57) Diethylphthalate	14.93	149	1420564	74.935	ng/ul	100
59) Fluorene	15.13	166	1380802	72.513	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	697581	73.407	ng/ul	99
61) 4-Nitroaniline	15.17	138	331326m	84.705	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	272502	89.647	ng/ul	99
65) N-Nitrosodiphenylamine	15.35	169	1193019	71.886	ng/ul	100
66) 4-Bromophenyl-phenylether	16.02	248	435285	75.483	ng/ul	99
67) Hexachlorobenzene	16.14	284	480973	74.180	ng/ul	97
68) Atrazine	16.32	200	438091	80.607	ng/ul	98
69) Pentachlorophenol	16.49	266	284356	79.632	ng/ul	99
70) Phenanthrene	16.86	178	2166840	69.468	ng/ul	100
72) Anthracene	16.96	178	2231839	71.317	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	588429	71.142	ng/uL	99
74) Pentachlorobenzene	14.40	250	562474	71.681	ng/uL	99
75) Carbazole	17.23	167	2008610	77.584	ng/ul	100
76) Di-n-butylphthalate	17.82	149	2511042	80.983	ng/ul	100
77) Fluoranthene	18.89	202	2557370	78.161	ng/ul	99
80) Pyrene	19.26	202	2643920	72.041	ng/ul	100
81) Butylbenzylphthalate	20.19	149	1164045	89.607	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	910110	95.067	ng/ul	99
83) Benzo(a)anthracene	21.02	228	2575863	71.486	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1750238	86.917	ng/ul	99
85) Chrysene	21.07	228	2454245	68.524	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	2966319	86.162	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	2628270	70.935	ng/ul	100
89) Benzo(k)fluoranthene	22.56	252	2522596	68.163	ng/ul	99
91) Benzo(a)pyrene	23.04	252	2312275	70.913	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.19	276	3021198	71.392	ng/ul	96
93) Dibenzo(a,h)anthracene	25.20	278	2540286	70.887	ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	2508825	71.026	ng/ul	98

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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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