Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061220\
Data File : BM026375.D
Acq On : 12 Jun 2020 12:35
Operator : JU/CG
Sample : SSTD04005
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD04005

Manual Integrations APPROVED
mohammad
6/15/2020 8:49:33 AM

Quant Time: Jun 12 13:17:08 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	88139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	363778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	223372	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	485366	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	503401	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	537926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	38094	13.04	ng/uL	0.00
5) Phenol-d5	6.62	99	321131	40.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	202402	36.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	245018	39.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	250243	41.53	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	120879	40.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	135086	46.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	243017	41.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	289324	48.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	687344	38.37	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	830934	39.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	125202	39.47	ng/ul	0.00
58) Fluorene-d10	15.07	176	589534	37.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	126247	44.61	ng/ul	0.00
71) Anthracene-d10	16.92	188	906528	37.90	ng/ul	0.00
79) Pyrene-d10	19.23	212	1012521	39.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1082459	37.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	39880	13.136	ng/uL	99
4) Benzaldehyde	6.57	77	184134	35.390	ng/ul	95
6) Phenol	6.65	94	351171	39.180	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.86	93	260192	37.729	ng/ul	99
10) 2-Chlorophenol	6.99	128	261623	38.353	ng/ul	97
11) 2-Methylphenol	7.87	108	253035	40.974	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.95	45	445804	35.614	ng/ul	98
14) Acetophenone	8.23	105	408561	40.415	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.23	70	229990	38.608	ng/ul	97
16) 4-Methylphenol	8.20	108	274585	40.884	ng/ul	99
17) Hexachloroethane	8.47	117	113303	38.717	ng/ul	94
20) Nitrobenzene	8.60	77	326471	35.843	ng/ul	97
21) Isophorone	9.13	82	600473	39.636	ng/ul	99
23) 2-Nitrophenol	9.30	139	148548	43.563	ng/ul	97
24) 2,4-Dimethylphenol	9.39	107	306992	37.684	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.61	93	345787	36.189	ng/ul	98
27) 2,4-Dichlorophenol	9.84	162	243829	39.913	ng/ul	98
28) Naphthalene	10.22	128	808663	36.357	ng/ul	99
30) 4-Chloroaniline	10.35	127	297660	47.697	ng/ul	99
31) Hexachlorobutadiene	10.51	225	159736	38.970	ng/ul	98
32) Caprolactam	11.12	113	81902m	48.205	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	286934	40.555	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	563144	37.643	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	525114	37.834	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	303298	37.883	ng/ul	99
38) Hexachlorocyclopentadiene	12.21	237	161368	34.963	ng/ul	96
39) 2,4,6-Trichlorophenol	12.49	196	197320	42.364	ng/ul	98
40) 2,4,5-Trichlorophenol	12.56	196	210088	40.874	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	728516	36.756	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	563917	36.869	ng/ul	99
43) 2-Nitroaniline	13.14	65	211754	41.077	ng/ul	93
45) Dimethylphthalate	13.54	163	715040	38.021	ng/ul	100
46) 2,6-Dinitrotoluene	13.66	165	153949	44.613	ng/ul	96
48) Acenaphthylene	13.78	152	884478	37.963	ng/ul	100
49) 3-Nitroaniline	13.99	138	144200	46.948	ng/ul	98
50) Acenaphthene	14.13	153	601704	36.620	ng/ul	99
51) 2,4-Dinitrophenol	14.20	184	83999	44.283	ng/ul	98
53) 4-Nitrophenol	14.32	109	108076	38.287	ng/ul	96
54) Dibenzofuran	14.47	168	858234	37.167	ng/ul	100
55) 2,4-Dinitrotoluene	14.46	165	222978	43.601	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.71	232	185650	42.950	ng/ul	98
57) Diethylphthalate	14.92	149	728634	39.182	ng/ul	100
59) Fluorene	15.13	166	705147	37.750	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	355042	38.087	ng/ul	100
61) 4-Nitroaniline	15.16	138	161920	42.199	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.23	198	129828	43.574	ng/ul	99
65) N-Nitrosodiphenylamine	15.34	169	610693	37.542	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	221077	39.113	ng/ul	100
67) Hexachlorobenzene	16.14	284	246815	38.836	ng/ul	96
68) Atrazine	16.32	200	228014	42.803	ng/ul	97
69) Pentachlorophenol	16.49	266	130905	37.401	ng/ul	99
70) Phenanthrene	16.86	178	1110397	36.319	ng/ul	99
72) Anthracene	16.96	178	1145764	37.353	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	300920	37.118	ng/uL	99
74) Pentachlorobenzene	14.40	250	288172	37.467	ng/uL	99
75) Carbazole	17.23	167	1023324	40.326	ng/ul	99
76) Di-n-butylphthalate	17.82	149	1265278	41.632	ng/ul	99
77) Fluoranthene	18.89	202	1314703	40.994	ng/ul	99
80) Pyrene	19.26	202	1352603	38.274	ng/ul	98
81) Butylbenzylphthalate	20.19	149	590721	47.223	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.96	252	461375	50.049	ng/ul	99
83) Benzo(a)anthracene	21.02	228	1307367	37.679	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	880509	45.410	ng/ul	99
85) Chrysene	21.07	228	1280319	37.123	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	1498606	44.327	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	1305824	35.889	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	1319202	36.299	ng/ul	98
91) Benzo(a)pyrene	23.04	252	1181473	36.897	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	1551493	37.333	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	1307109	37.143	ng/ul	99
94) Benzo(g,h,i)perylene	25.80	276	1295959	37.361	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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