Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM070220\
Data File : BM026647.D
Acq On : 02 Jul 2020 10:43
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Manual Integrations APPROVED
Sohil
7/7/2020 8:20:03 AM

Quant Time: Jul 02 11:25:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 02 11:21:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	75739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	311206	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	192864	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	404220	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	412225	20.00	ng/ul	0.00
86) Perylene-d12	23.06	264	407330	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	17581	6.97	ng/uL	0.00
5) Phenol-d5	6.56	99	124010	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	90541	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	98835	18.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	100348	18.09	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	47870	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	50676	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	99664	19.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	121421	22.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.44	166	294244	19.13	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	343774	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	41189	18.55	ng/ul	0.00
58) Fluorene-d10	15.02	176	247030	18.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.16	200	39546	15.66	ng/ul	0.00
71) Anthracene-d10	16.87	188	378715	19.03	ng/ul	0.00
79) Pyrene-d10	19.17	212	403415	18.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.93	264	422270	19.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	18711	6.857	ng/uL	91
4) Benzaldehyde	6.52	77	82868	22.496	ng/ul	96
6) Phenol	6.59	94	137834	18.074	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.80	93	109140	18.796	ng/ul	96
10) 2-Chlorophenol	6.93	128	105775	18.003	ng/ul	97
11) 2-Methylphenol	7.81	108	98416	18.063	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	7.90	45	219677m	19.502	ng/ul	
14) Acetophenone	8.17	105	171935	18.293	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.16	70	100926	18.176	ng/ul	97
16) 4-Methylphenol	8.14	108	108302	17.882	ng/ul	98
17) Hexachloroethane	8.40	117	49133	18.871	ng/ul	96
20) Nitrobenzene	8.54	77	144094	18.566	ng/ul	98
21) Isophorone	9.07	82	251132	19.249	ng/ul	99
23) 2-Nitrophenol	9.25	139	57932	19.080	ng/ul	95
24) 2,4-Dimethylphenol	9.32	107	130343	18.641	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.55	93	149257	19.240	ng/ul	97
27) 2,4-Dichlorophenol	9.77	162	99089	18.660	ng/ul	95
28) Naphthalene	10.16	128	335909	18.236	ng/ul	99
30) 4-Chloroaniline	10.29	127	126699	22.035	ng/ul	100
31) Hexachlorobutadiene	10.45	225	71386	18.549	ng/ul	97
32) Caprolactam	11.06	113	27272m	18.595	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	113798	18.833	ng/ul	98
34) 2-Methylnaphthalene	11.79	142	238735	18.500	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.01	142	219445	18.244 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	130422	18.605 ng/ul	97
38) Hexachlorocyclopentadiene	12.15	237	77617	21.696 ng/ul	99
39) 2,4,6-Trichlorophenol	12.43	196	81004	19.575 ng/ul	99
40) 2,4,5-Trichlorophenol	12.50	196	84999	18.781 ng/ul	90
41) 1,1'-Biphenyl	12.83	154	307684	18.431 ng/ul	99
42) 2-Chloronaphthalene	12.86	162	240050	18.268 ng/ul	99
43) 2-Nitroaniline	13.09	65	85477	19.349 ng/ul	98
45) Dimethylphthalate	13.49	163	301374	18.716 ng/ul	98
46) 2,6-Dinitrotoluene	13.60	165	60192	19.341 ng/ul	90
48) Acenaphthylene	13.73	152	367707	18.469 ng/ul	98
49) 3-Nitroaniline	13.94	138	53578	20.711 ng/ul	98
50) Acenaphthene	14.07	153	256938	18.260 ng/ul	99
51) 2,4-Dinitrophenol	14.16	184	32861	20.324 ng/ul	92
53) 4-Nitrophenol	14.27	109	42134	18.438 ng/ul	95
54) Dibenzofuran	14.42	168	364215	18.242 ng/ul	97
55) 2,4-Dinitrotoluene	14.41	165	88576	19.137 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.66	232	76839	19.723 ng/ul	96
57) Diethylphthalate	14.87	149	315388	19.487 ng/ul	99
59) Fluorene	15.07	166	300225	18.405 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.07	204	157982	18.633 ng/ul	98
61) 4-Nitroaniline	15.11	138	55596m	19.001 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.18	198	42705	15.965 ng/ul	95
65) N-Nitrosodiphenylamine	15.30	169	257227	19.031 ng/ul	99
66) 4-Bromophenyl-phenylether	15.97	248	95260	19.549 ng/ul	95
67) Hexachlorobenzene	16.08	284	106423	19.165 ng/ul	97
68) Atrazine	16.27	200	93156	21.156 ng/ul	98
69) Pentachlorophenol	16.43	266	49336	18.017 ng/ul	95
70) Phenanthrene	16.81	178	466604	18.537 ng/ul	99
72) Anthracene	16.90	178	477605	18.805 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	128943	18.502 ng/uL	97
74) Pentachlorobenzene	14.34	250	126261	18.915 ng/uL	99
75) Carbazole	17.18	167	394285	19.390 ng/ul	98
76) Di-n-butylphthalate	17.77	149	536712	21.814 ng/ul	99
77) Fluoranthene	18.84	202	526307	20.214 ng/ul	99
80) Pyrene	19.20	202	549218	18.800 ng/ul	98
81) Butylbenzylphthalate	20.14	149	227688	21.970 ng/ul	96
82) 3,3'-Dichlorobenzidine	20.92	252	159401	19.184 ng/ul	97
83) Benzo(a)anthracene	20.97	228	530992	18.713 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	365911	23.708 ng/ul	99
85) Chrysene	21.02	228	515843	18.324 ng/ul	100
87) Di-n-octyl phthalate	21.78	149	607675	24.211 ng/ul	100
88) Benzo(b)fluoranthene	22.46	252	523654	18.926 ng/ul	99
89) Benzo(k)fluoranthene	22.50	252	535032	19.511 ng/ul	99
91) Benzo(a)pyrene	22.97	252	473641	19.297 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.08	276	602670	18.814 ng/ul	100
93) Dibenzo(a,h)anthracene	25.09	278	512508	18.991 ng/ul	100
94) Benzo(g,h,i)perylene	25.69	276	503331	18.838 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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