Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071520\
Data File : BM026767.D
Acq On : 15 Jul 2020 09:09
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:20 AM

Quant Time: Jul 15 10:12:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	64167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	252635	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	152571	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	318692	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	344361	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	348313	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	16826	7.88	ng/uL	0.00
5) Phenol-d5	6.52	99	107172	18.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	77528	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	83678	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	82413	17.53	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	39053	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	42763	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	81744	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	97754	22.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	229182	18.83	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	276146	18.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	30530	17.38	ng/ul	0.00
58) Fluorene-d10	14.97	176	195737	18.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	36394	18.28	ng/ul	0.00
71) Anthracene-d10	16.83	188	297236	18.94	ng/ul	0.00
79) Pyrene-d10	19.14	212	327059	18.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	369158	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	17470	7.556	ng/uL	99
4) Benzaldehyde	6.47	77	76765	24.598	ng/ul	97
6) Phenol	6.54	94	117324	18.159	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.75	93	91284	18.556	ng/ul	99
10) 2-Chlorophenol	6.88	128	90604	18.202	ng/ul	95
11) 2-Methylphenol	7.77	108	81715	17.702	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.85	45	184350	19.317	ng/ul	100
14) Acetophenone	8.12	105	142253	17.864	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.12	70	84581	17.980	ng/ul	96
16) 4-Methylphenol	8.10	108	89793	17.500	ng/ul	92
17) Hexachloroethane	8.35	117	40968	18.573	ng/ul	97
20) Nitrobenzene	8.50	77	121108	19.222	ng/ul	99
21) Isophorone	9.02	82	199857	18.870	ng/ul	99
23) 2-Nitrophenol	9.20	139	46999	19.068	ng/ul	98
24) 2,4-Dimethylphenol	9.28	107	108038	19.033	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	120121	19.075	ng/ul	99
27) 2,4-Dichlorophenol	9.73	162	81477	18.900	ng/ul	97
28) Naphthalene	10.11	128	277278	18.543	ng/ul	99
30) 4-Chloroaniline	10.24	127	101532	21.752	ng/ul	97
31) Hexachlorobutadiene	10.40	225	60128	19.246	ng/ul	98
32) Caprolactam	11.02	113	21070	17.697	ng/ul	96
33) 4-Chloro-3-methylphenol	11.39	107	91997	18.755	ng/ul	97
34) 2-Methylnaphthalene	11.74	142	190252	18.161	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	180672	18.503 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	107550	19.394 ng/ul	99
38) Hexachlorocyclopentadiene	12.10	237	43138	15.243 ng/ul	93
39) 2,4,6-Trichlorophenol	12.38	196	64350	19.657 ng/ul	93
40) 2,4,5-Trichlorophenol	12.46	196	67412	18.829 ng/ul	95
41) 1,1'-Biphenyl	12.79	154	247754	18.760 ng/ul	96
42) 2-Chloronaphthalene	12.82	162	190454	18.322 ng/ul	99
43) 2-Nitroaniline	13.05	65	69307	19.832 ng/ul	97
45) Dimethylphthalate	13.45	163	240719	18.897 ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	46970	19.078 ng/ul	92
48) Acenaphthylene	13.68	152	290168	18.424 ng/ul	98
49) 3-Nitroaniline	13.90	138	40943	20.006 ng/ul	100
50) Acenaphthene	14.03	153	202188	18.163 ng/ul	99
51) 2,4-Dinitrophenol	14.13	184	18202	14.231 ng/ul	98
53) 4-Nitrophenol	14.24	109	32592	18.029 ng/ul	92
54) Dibenzofuran	14.37	168	288949	18.294 ng/ul	96
55) 2,4-Dinitrotoluene	14.37	165	70226	19.180 ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.62	232	58556	19.000 ng/ul	93
57) Diethylphthalate	14.83	149	245755	19.195 ng/ul	99
59) Fluorene	15.03	166	238764	18.502 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	124425	18.551 ng/ul	99
61) 4-Nitroaniline	15.08	138	43221m	18.672 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	37971	18.004 ng/ul	94
65) N-Nitrosodiphenylamine	15.26	169	201785	18.936 ng/ul	98
66) 4-Bromophenyl-phenylether	15.93	248	73895	19.234 ng/ul	98
67) Hexachlorobenzene	16.04	284	82812	18.915 ng/ul	95
68) Atrazine	16.23	200	71355	20.554 ng/ul	99
69) Pentachlorophenol	16.40	266	40648	18.828 ng/ul	96
70) Phenanthrene	16.77	178	367018	18.494 ng/ul	98
72) Anthracene	16.86	178	376976	18.826 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	104228	18.969 ng/uL	98
74) Pentachlorobenzene	14.30	250	99059	18.823 ng/uL	99
75) Carbazole	17.15	167	316138	19.719 ng/ul	99
76) Di-n-butylphthalate	17.73	149	404137	20.834 ng/ul	99
77) Fluoranthene	18.80	202	423922	20.651 ng/ul	98
80) Pyrene	19.17	202	441203	18.079 ng/ul	99
81) Butylbenzylphthalate	20.11	149	176313	20.366 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.88	252	138721	19.985 ng/ul	97
83) Benzo(a)anthracene	20.94	228	445131	18.778 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	281105	21.803 ng/ul	99
85) Chrysene	20.99	228	432111	18.375 ng/ul	99
87) Di-n-octyl phthalate	21.75	149	466633	21.742 ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	458313	19.371 ng/ul	99
89) Benzo(k)fluoranthene	22.45	252	445130	18.983 ng/ul	99
91) Benzo(a)pyrene	22.93	252	410943	19.579 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	535021	19.532 ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	449500	19.478 ng/ul	100
94) Benzo(g,h,i)perylene	25.61	276	447676	19.594 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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