Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072120\
Data File : BM026826.D
Acq On : 22 Jul 2020 02:12
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02040

Manual Integrations APPROVED
Sohil
7/24/2020 12:04:09 PM

Quant Time: Jul 22 09:37:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 10:10:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	76393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	346999	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.96	164	248654	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	552994	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	575997	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	482279	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	17934	7.05	ng/uL	0.00
5) Phenol-d5	6.51	99	133458	19.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.66	67	95208	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	6.84	132	102789	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.03	113	115164	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	53211	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.16	143	58760	20.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	117353	20.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	148286	24.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	387407	19.53	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	446165	18.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	55581	19.42	ng/ul	0.00
58) Fluorene-d10	14.97	176	332256	19.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	62353	18.05	ng/ul	0.00
71) Anthracene-d10	16.82	188	528400	19.40	ng/ul	0.00
79) Pyrene-d10	19.13	212	574320	19.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.88	264	519087	19.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.93	88	19465	7.072	ng/uL	90
4) Benzaldehyde	6.46	77	95619	25.736	ng/ul	98
6) Phenol	6.54	94	148824	19.348	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.75	93	117782	20.110	ng/ul	98
10) 2-Chlorophenol	6.87	128	112692	19.016	ng/ul	98
11) 2-Methylphenol	7.77	108	111093	20.215	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.84	45	244347m	21.506	ng/ul	
14) Acetophenone	8.12	105	201344	21.238	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.11	70	125246	22.363	ng/ul	93
16) 4-Methylphenol	8.10	108	123416	20.204	ng/ul	97
17) Hexachloroethane	8.35	117	50852	19.364	ng/ul	95
20) Nitrobenzene	8.49	77	168684	19.492	ng/ul	96
21) Isophorone	9.01	82	305524	21.002	ng/ul	99
23) 2-Nitrophenol	9.19	139	67295	19.877	ng/ul	94
24) 2,4-Dimethylphenol	9.27	107	156742	20.104	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.50	93	174549	20.180	ng/ul	97
27) 2,4-Dichlorophenol	9.72	162	122239	20.645	ng/ul	94
28) Naphthalene	10.10	128	382538	18.625	ng/ul	99
30) 4-Chloroaniline	10.23	127	155446	24.246	ng/ul	98
31) Hexachlorobutadiene	10.39	225	83417	19.440	ng/ul	98
32) Caprolactam	11.02	113	36961m	22.602	ng/ul	
33) 4-Chloro-3-methylphenol	11.38	107	147200	21.848	ng/ul	100
34) 2-Methylnaphthalene	11.72	142	289280	20.105	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.95	142	265134	19.769	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.11	216	161909	17.914	ng/ul	98
38) Hexachlorocyclopentadiene	12.09	237	74682	16.192	ng/ul	98
39) 2,4,6-Trichlorophenol	12.38	196	103912	19.476	ng/ul	98
40) 2,4,5-Trichlorophenol	12.45	196	110359	18.914	ng/ul	96
41) 1,1'-Biphenyl	12.78	154	386499	17.958	ng/ul	96
42) 2-Chloronaphthalene	12.81	162	302462	17.853	ng/ul	99
43) 2-Nitroaniline	13.05	65	117725	20.669	ng/ul	97
45) Dimethylphthalate	13.44	163	399299	19.233	ng/ul	98
46) 2,6-Dinitrotoluene	13.56	165	82031	20.444	ng/ul	93
48) Acenaphthylene	13.68	152	465490	18.135	ng/ul	99
49) 3-Nitroaniline	13.90	138	74426	22.315	ng/ul	96
50) Acenaphthene	14.02	153	330664	18.227	ng/ul	100
51) 2,4-Dinitrophenol	14.12	184	35633	17.094	ng/ul	94
53) 4-Nitrophenol	14.24	109	62184	21.106	ng/ul	91
54) Dibenzofuran	14.37	168	477230	18.539	ng/ul	95
55) 2,4-Dinitrotoluene	14.37	165	123702	20.730	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.61	232	102974	20.501	ng/ul	96
57) Diethylphthalate	14.83	149	437262	20.956	ng/ul	98
59) Fluorene	15.02	166	406111	19.310	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.03	204	211158	19.317	ng/ul	95
61) 4-Nitroaniline	15.07	138	81948m	21.723	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	65043	17.774	ng/ul#	97
65) N-Nitrosodiphenylamine	15.25	169	348591	18.853	ng/ul	98
66) 4-Bromophenyl-phenylether	15.93	248	128235	19.236	ng/ul	96
67) Hexachlorobenzene	16.04	284	142756	18.792	ng/ul	94
68) Atrazine	16.22	200	130265	21.624	ng/ul	100
69) Pentachlorophenol	16.39	266	72943	19.471	ng/ul	97
70) Phenanthrene	16.77	178	638606	18.545	ng/ul	99
72) Anthracene	16.86	178	657836	18.933	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	164073	17.209	ng/uL	98
74) Pentachlorobenzene	14.29	250	164446	18.008	ng/uL	99
75) Carbazole	17.14	167	568803	20.446	ng/ul	98
76) Di-n-butylphthalate	17.72	149	770406	22.888	ng/ul	99
77) Fluoranthene	18.79	202	745398	20.926	ng/ul	98
80) Pyrene	19.17	202	780170	19.113	ng/ul	98
81) Butylbenzylphthalate	20.11	149	331671	22.904	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.88	252	228697	19.698	ng/ul	99
83) Benzo(a)anthracene	20.93	228	734151	18.516	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.89	149	517259	23.985	ng/ul	99
85) Chrysene	20.98	228	716599	18.218	ng/ul	99
87) Di-n-octyl phthalate	21.74	149	812297	27.334	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	651830	19.898	ng/ul	99
89) Benzo(k)fluoranthene	22.45	252	669678	20.626	ng/ul	99
91) Benzo(a)pyrene	22.92	252	570125	19.618	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.00	276	666974	17.586	ng/ul	98
93) Dibenzo(a,h)anthracene	25.01	278	569533	17.824	ng/ul	99
94) Benzo(g,h,i)perylene	25.60	276	540219	17.077	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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