Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025777.D
Acq On : 25 Mar 2020 20:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
3/27/2020 8:15:36 AM

Quant Time: Mar 26 00:57:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 00:45:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	194658	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	826024	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	531358	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1112298	20.00	ng/ul	-0.01
78) Chrysene-d12	21.15	240	1114661	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1297122	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	35296	7.61	ng/uL	0.00
5) Phenol-d5	6.75	99	295096	19.21	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	168483	19.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	250067	20.06	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	239734	18.99	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	120171	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	128737	19.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	259896	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	314841	20.31	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	725532	17.97	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	867884	17.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	135156	17.58	ng/ul	0.00
58) Fluorene-d10	15.20	176	630972	17.80	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	112490	16.58	ng/ul	0.00
71) Anthracene-d10	17.05	188	953027	18.34	ng/ul	0.00
79) Pyrene-d10	19.35	212	1036079	19.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1252443	18.86	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	32478	6.501	ng/uL	88
4) Benzaldehyde	6.72	77	192364	23.641	ng/ul	97
6) Phenol	6.78	94	312087	19.453	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	238096	18.741	ng/ul	99
10) 2-Chlorophenol	7.14	128	266413	20.298	ng/ul	99
11) 2-Methylphenol	8.01	108	238250	19.409	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	322634	19.033	ng/ul	98
14) Acetophenone	8.38	105	381952	19.616	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.37	70	193249	19.811	ng/ul	98
16) 4-Methylphenol	8.34	108	261352	19.503	ng/ul	98
17) Hexachloroethane	8.63	117	104573	19.165	ng/ul	99
20) Nitrobenzene	8.75	77	286079	19.126	ng/ul	99
21) Isophorone	9.27	82	527793	19.108	ng/ul	100
23) 2-Nitrophenol	9.46	139	146290	19.957	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	277014	18.636	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	319861	18.068	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	262925	19.855	ng/ul	99
28) Naphthalene	10.38	128	834007	18.539	ng/ul	98
30) 4-Chloroaniline	10.49	127	325556	20.702	ng/ul	99
31) Hexachlorobutadiene	10.68	225	157888	18.250	ng/ul	99
32) Caprolactam	11.25	113	79756m	18.213	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	264943	19.246	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	615274	19.148	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	586680	18.309	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	312124	18.572	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	206848	18.035	ng/ul	98
39) 2,4,6-Trichlorophenol	12.63	196	206129	19.293	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	223258	19.197	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	797935	18.794	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	612386	18.313	ng/ul	99
43) 2-Nitroaniline	13.27	65	166918	19.973	ng/ul	98
45) Dimethylphthalate	13.67	163	738893	17.577	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	155278	18.781	ng/ul	94
48) Acenaphthylene	13.92	152	944114	18.017	ng/ul	100
49) 3-Nitroaniline	14.11	138	152378	20.428	ng/ul	97
50) Acenaphthene	14.27	153	651687	18.295	ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	110517	22.281	ng/ul	99
53) 4-Nitrophenol	14.43	109	155730	25.911	ng/ul	99
54) Dibenzofuran	14.61	168	935624	18.515	ng/ul	100
55) 2,4-Dinitrotoluene	14.57	165	224115	18.540	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.84	232	198785	18.858	ng/ul	99
57) Diethylphthalate	15.05	149	739607	17.165	ng/ul	99
59) Fluorene	15.26	166	758621	17.847	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	374768	17.227	ng/ul	98
61) 4-Nitroaniline	15.27	138	174986	19.715	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.35	198	124741	16.808	ng/ul#	97
65) N-Nitrosodiphenylamine	15.47	169	657631	19.133	ng/ul	100
66) 4-Bromophenyl-phenylether	16.16	248	252350	18.397	ng/ul	97
67) Hexachlorobenzene	16.27	284	298718	17.736	ng/ul	99
68) Atrazine	16.43	200	227954	17.584	ng/ul	97
69) Pentachlorophenol	16.61	266	240846	24.485	ng/ul	98
70) Phenanthrene	17.00	178	1186005	18.115	ng/ul	99
72) Anthracene	17.09	178	1205181	18.062	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	310050	18.191	ng/uL	99
74) Pentachlorobenzene	14.53	250	336081	17.714	ng/uL	100
75) Carbazole	17.36	167	1090635	18.703	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1229518	18.059	ng/ul	100
77) Fluoranthene	19.02	202	1363991	17.674	ng/ul	99
80) Pyrene	19.38	202	1396380	18.653	ng/ul	100
81) Butylbenzylphthalate	20.30	149	558037	19.572	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	455328	17.978	ng/ul	100
83) Benzo(a)anthracene	21.13	228	1414506	19.248	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	826910	18.697	ng/ul	99
85) Chrysene	21.19	228	1319265	18.297	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	1399096	18.001	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1566627	19.357	ng/ul	100
89) Benzo(k)fluoranthene	22.70	252	1400378	17.565	ng/ul	100
91) Benzo(a)pyrene	23.21	252	1443041	19.593	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.43	276	1785316	18.355	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	1502170	18.238	ng/ul	100
94) Benzo(g,h,i)perylene	26.07	276	1470321	18.341	ng/ul	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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