Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025800.D
Acq On : 26 Mar 2020 15:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02064

Manual Integrations APPROVED
mohammad
3/27/2020 8:16:13 AM

Quant Time: Mar 26 15:54:21 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	7.56	152	255402	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.33	136	1097179	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	707482	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1539053	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1618367	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1871183	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	43863	7.21	ng/uL	0.00
5) Phenol-d5	6.75	99	398925	19.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	222053	19.30	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	331178	20.24	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	312654	18.88	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	160267	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	172987	19.95	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.96	165	345005	19.46	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.47	131	411332	19.98	ng/ul	-0.01
44) Dimethylphthalate-d6	13.62	166	965711	17.96	ng/ul	-0.01
47) Acenaphthylene-d8	13.89	160	1144937	17.77	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	186150	18.18	ng/ul	0.00
58) Fluorene-d10	15.20	176	853268	18.08	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	154826	16.49	ng/ul	0.00
71) Anthracene-d10	17.05	188	1307916	18.19	ng/ul	0.00
79) Pyrene-d10	19.35	212	1456926	18.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1815092	18.95	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	45515	6.944	ng/uL#	87
4) Benzaldehyde	6.72	77	276495	25.899	ng/ul	96
6) Phenol	6.78	94	418663	19.889	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	317109	19.024	ng/ul	98
10) 2-Chlorophenol	7.13	128	351919	20.435	ng/ul	98
11) 2-Methylphenol	8.01	108	313992	19.495	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	430311	19.347	ng/ul	97
14) Acetophenone	8.38	105	503087	19.693	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	252800	19.753	ng/ul	99
16) 4-Methylphenol	8.34	108	345383	19.643	ng/ul	97
17) Hexachloroethane	8.63	117	139728	19.517	ng/ul	98
20) Nitrobenzene	8.75	77	385347	19.396	ng/ul	99
21) Isophorone	9.27	82	679821	18.530	ng/ul	99
23) 2-Nitrophenol	9.46	139	192699	19.792	ng/ul	100
24) 2,4-Dimethylphenol	9.53	107	357184	18.091	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	424606	18.057	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	348416	19.808	ng/ul	99
28) Naphthalene	10.38	128	1109886	18.574	ng/ul	99
30) 4-Chloroaniline	10.49	127	438830	21.009	ng/ul	99
31) Hexachlorobutadiene	10.68	225	209638	18.243	ng/ul	99
32) Caprolactam	11.26	113	97577m	16.775	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	352448	19.275	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	811695	19.018	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	778909	18.301	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	419199	18.734	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	252088	16.508	ng/ul	96
39) 2,4,6-Trichlorophenol	12.62	196	270584	19.021	ng/ul	99
40) 2,4,5-Trichlorophenol	12.69	196	294238	19.002	ng/ul	100
41) 1,1'-Biphenyl	13.03	154	1048715	18.552	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	815860	18.324	ng/ul	99
43) 2-Nitroaniline	13.27	65	229222	20.600	ng/ul	98
45) Dimethylphthalate	13.67	163	985128	17.601	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	209548	19.035	ng/ul	94
48) Acenaphthylene	13.92	152	1252481	17.952	ng/ul	100
49) 3-Nitroaniline	14.11	138	214707	21.619	ng/ul	94
50) Acenaphthene	14.27	153	867166	18.284	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	149230	22.596	ng/ul	98
53) 4-Nitrophenol	14.43	109	218686	27.328	ng/ul	98
54) Dibenzofuran	14.61	168	1262459	18.764	ng/ul	99
55) 2,4-Dinitrotoluene	14.57	165	307488	19.105	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.84	232	270247	19.255	ng/ul	98
57) Diethylphthalate	15.05	149	1003982	17.501	ng/ul	99
59) Fluorene	15.26	166	1025690	18.123	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	509295	17.583	ng/ul	99
61) 4-Nitroaniline	15.28	138	245583	20.781	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	174648	17.008	ng/ul#	98
65) N-Nitrosodiphenylamine	15.47	169	900696	18.938	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	344527	18.152	ng/ul	99
67) Hexachlorobenzene	16.27	284	409432	17.569	ng/ul	99
68) Atrazine	16.43	200	308443	17.196	ng/ul	98
69) Pentachlorophenol	16.61	266	339414	24.937	ng/ul	98
70) Phenanthrene	16.99	178	1648643	18.199	ng/ul	99
72) Anthracene	17.09	178	1672753	18.118	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	411639	17.455	ng/uL	99
74) Pentachlorobenzene	14.53	250	452382	17.233	ng/uL	98
75) Carbazole	17.36	167	1505586	18.660	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1708487	18.136	ng/ul	100
77) Fluoranthene	19.02	202	1921993	17.999	ng/ul	99
80) Pyrene	19.38	202	1985491	18.267	ng/ul	99
81) Butylbenzylphthalate	20.30	149	793391	19.166	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	646704	17.586	ng/ul	98
83) Benzo(a)anthracene	21.13	228	2042772	19.145	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	1182298	18.412	ng/ul#	99
85) Chrysene	21.18	228	1907960	18.226	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	2003087	17.865	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	2201821	18.859	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	2147592	18.673	ng/ul	99
91) Benzo(a)pyrene	23.20	252	2102099	19.785	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	2587600	18.441	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	2184537	18.386	ng/ul	100
94) Benzo(g,h,i)perylene	26.07	276	2152728	18.615	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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