Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024515.D
Acq On : 18 Jan 2020 02:55
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Manual Integrations APPROVED
mohammad
1/21/2020 7:59:37 AM

Quant Time: Jan 18 05:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 18 00:06:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	178308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	791240	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	622291	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1528646	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1704430	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1653755	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	29793	8.17	ng/uL	0.00
5) Phenol-d5	6.65	99	245324	18.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	137437	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	226397	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	227464	18.67	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	114350	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	133035	22.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	285281	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	278391	18.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	966356	19.82	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1126053	20.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	169393	20.82	ng/ul	0.00
58) Fluorene-d10	15.10	176	874331	20.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	175781	20.14	ng/ul	0.00
71) Anthracene-d10	16.95	188	1486041	20.90	ng/ul	0.00
79) Pyrene-d10	19.26	212	1786734	19.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1720508	20.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29870	7.883	ng/uL	92
4) Benzaldehyde	6.61	77	102393	14.608	ng/ul	99
6) Phenol	6.68	94	247188	18.405	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	198402	18.861	ng/ul	98
10) 2-Chlorophenol	7.03	128	226075	20.013	ng/ul	98
11) 2-Methylphenol	7.90	108	206225	18.735	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.00	45	225546	18.143	ng/ul	97
14) Acetophenone	8.27	105	353182	18.464	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.27	70	175378	19.392	ng/ul	98
16) 4-Methylphenol	8.23	108	229193	18.698	ng/ul	96
17) Hexachloroethane	8.52	117	104045	20.638	ng/ul	96
20) Nitrobenzene	8.63	77	275357	20.466	ng/ul	99
21) Isophorone	9.16	82	510299	19.264	ng/ul	99
23) 2-Nitrophenol	9.34	139	141613	21.511	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	287656	20.132	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.65	93	297853	19.542	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	273408	20.795	ng/ul	98
28) Naphthalene	10.27	128	808379	19.942	ng/ul	100
30) 4-Chloroaniline	10.37	127	275286	18.589	ng/ul	99
31) Hexachlorobutadiene	10.57	225	220304	21.051	ng/ul	100
32) Caprolactam	11.13	113	80116m	20.229	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	283937	20.777	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	642016	20.411	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	643413	20.178	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	415626	20.301	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	298530	20.161	ng/ul	97
39) 2,4,6-Trichlorophenol	12.52	196	262363	20.946	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	288287	21.496	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	902180	19.969	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	724616	19.937	ng/ul	99
43) 2-Nitroaniline	13.17	65	177992	21.376	ng/ul	99
45) Dimethylphthalate	13.57	163	987472	19.923	ng/ul	100
46) 2,6-Dinitrotoluene	13.68	165	198233	21.253	ng/ul	99
48) Acenaphthylene	13.82	152	1135888	19.815	ng/ul	100
49) 3-Nitroaniline	14.00	138	143504	18.662	ng/ul	99
50) Acenaphthene	14.17	153	766739	19.763	ng/ul	99
51) 2,4-Dinitrophenol	14.22	184	102412	20.096	ng/ul	99
53) 4-Nitrophenol	14.33	109	168250	22.234	ng/ul	92
54) Dibenzofuran	14.51	168	1146186	20.166	ng/ul	99
55) 2,4-Dinitrotoluene	14.47	165	302918	21.722	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.74	232	283064	21.748	ng/ul	97
57) Diethylphthalate	14.96	149	1030419	20.247	ng/ul	99
59) Fluorene	15.16	166	984109	20.479	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.17	204	562869	20.534	ng/ul	98
61) 4-Nitroaniline	15.18	138	174392	19.013	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.25	198	188711	20.448	ng/ul#	96
65) N-Nitrosodiphenylamine	15.38	169	833558	19.633	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	362275	19.990	ng/ul	98
67) Hexachlorobenzene	16.17	284	415670	19.973	ng/ul	100
68) Atrazine	16.35	200	373862	20.925	ng/ul	99
69) Pentachlorophenol	16.51	266	268283	21.652	ng/ul	98
70) Phenanthrene	16.90	178	1652067	20.040	ng/ul	99
72) Anthracene	16.99	178	1760073	20.936	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	427758	19.679	ng/uL	98
74) Pentachlorobenzene	14.43	250	459542	19.970	ng/uL	99
75) Carbazole	17.26	167	1476114	20.868	ng/ul	100
76) Di-n-butylphthalate	17.86	149	1965889	22.107	ng/ul	100
77) Fluoranthene	18.92	202	2203569	21.870	ng/ul	99
80) Pyrene	19.29	202	2270574	19.460	ng/ul	99
81) Butylbenzylphthalate	20.22	149	885332	21.605	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	595403	16.233	ng/ul	98
83) Benzo(a)anthracene	21.04	228	2339891	20.153	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1383898	21.334	ng/ul	100
85) Chrysene	21.10	228	2263752	20.234	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	2279277	20.135	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2196135	20.092	ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	2193343	20.418	ng/ul	100
91) Benzo(a)pyrene	23.09	252	1919761	20.210	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.25	276	1998005	20.103	ng/ul	98
93) Dibenzo(a,h)anthracene	25.26	278	1686606	19.995	ng/ul	100
94) Benzo(g,h,i)perylene	25.87	276	1595180	20.195	ng/ul	99

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

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