Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025708.D
Acq On : 24 Mar 2020 00:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Manual Integrations APPROVED
mohammad
3/24/2020 8:46:45 AM

Quant Time: Mar 24 01:52:15 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	7.58	152	179684	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	763991	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	473331	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1003597	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1011805	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1188395	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	32823	7.66	ng/uL	0.00
5) Phenol-d5	6.76	99	272137	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	152976	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	228105	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	216912	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	109962	19.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	116856	19.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	235147	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	283137	19.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	648947	18.04	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	776072	18.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	118677	17.33	ng/ul	0.00
58) Fluorene-d10	15.21	176	567247	17.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	97386	15.90	ng/ul	0.00
71) Anthracene-d10	17.06	188	851402	18.16	ng/ul	0.00
79) Pyrene-d10	19.35	212	931601	19.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1133514	18.63	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	33770	7.323	ng/uL	93
4) Benzaldehyde	6.72	77	174320	23.209	ng/ul	95
6) Phenol	6.78	94	286456	19.343	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.01	93	218698	18.649	ng/ul	99
10) 2-Chlorophenol	7.14	128	245763	20.285	ng/ul	99
11) 2-Methylphenol	8.02	108	216161	19.077	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	294253	18.805	ng/ul	98
14) Acetophenone	8.39	105	346350	19.270	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.38	70	172654	19.175	ng/ul	98
16) 4-Methylphenol	8.34	108	240438	19.437	ng/ul	98
17) Hexachloroethane	8.64	117	95831	19.026	ng/ul	97
20) Nitrobenzene	8.76	77	257226	18.594	ng/ul	99
21) Isophorone	9.28	82	460299	18.018	ng/ul	100
23) 2-Nitrophenol	9.46	139	131158	19.346	ng/ul	97
24) 2,4-Dimethylphenol	9.53	107	253384	18.430	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	293307	17.913	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	235884	19.259	ng/ul	99
28) Naphthalene	10.39	128	769489	18.494	ng/ul	100
30) 4-Chloroaniline	10.50	127	300638	20.670	ng/ul	98
31) Hexachlorobutadiene	10.69	225	144282	18.031	ng/ul	97
32) Caprolactam	11.26	113	65664m	16.212	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	239748	18.830	ng/ul	98
34) 2-Methylnaphthalene	12.01	142	559168	18.815	ng/ul	98

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35) 1-Methylnaphthalene	12.23	142	532902	17.981	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	284969	19.035	ng/ul	97
38) Hexachlorocyclopentadiene	12.37	237	172971	16.930	ng/ul	98
39) 2,4,6-Trichlorophenol	12.63	196	184152	19.349	ng/ul	97
40) 2,4,5-Trichlorophenol	12.70	196	197375	19.052	ng/ul	97
41) 1,1'-Biphenyl	13.04	154	721442	19.076	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	562564	18.886	ng/ul	98
43) 2-Nitroaniline	13.28	65	150461	20.210	ng/ul	95
45) Dimethylphthalate	13.67	163	674748	18.019	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	139167	18.896	ng/ul	97
48) Acenaphthylene	13.93	152	847871	18.164	ng/ul	99
49) 3-Nitroaniline	14.12	138	131911	19.852	ng/ul	95
50) Acenaphthene	14.27	153	586596	18.486	ng/ul	97
51) 2,4-Dinitrophenol	14.32	184	90630	20.511	ng/ul	96
53) 4-Nitrophenol	14.43	109	141995	26.522	ng/ul	97
54) Dibenzofuran	14.62	168	843099	18.729	ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	201536	18.716	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.85	232	175510	18.692	ng/ul	97
57) Diethylphthalate	15.06	149	659775	17.190	ng/ul	99
59) Fluorene	15.26	166	692808	18.297	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	339871	17.538	ng/ul	100
61) 4-Nitroaniline	15.28	138	151828	19.203	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.35	198	108905	16.264	ng/ul	96
65) N-Nitrosodiphenylamine	15.48	169	594555	19.171	ng/ul	97
66) 4-Bromophenyl-phenylether	16.16	248	225950	18.256	ng/ul	99
67) Hexachlorobenzene	16.27	284	271376	17.858	ng/ul	99
68) Atrazine	16.44	200	200598	17.150	ng/ul	99
69) Pentachlorophenol	16.62	266	212573	23.951	ng/ul	99
70) Phenanthrene	17.00	178	1076457	18.222	ng/ul	100
72) Anthracene	17.09	178	1090474	18.113	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	282563	18.374	ng/uL	99
74) Pentachlorobenzene	14.54	250	304602	17.794	ng/uL	99
75) Carbazole	17.36	167	978795	18.604	ng/ul	99
76) Di-n-butylphthalate	17.95	149	1063589	17.314	ng/ul	99
77) Fluoranthene	19.02	202	1226171	17.609	ng/ul	98
80) Pyrene	19.38	202	1271142	18.706	ng/ul	98
81) Butylbenzylphthalate	20.30	149	481111	18.589	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	396090	17.228	ng/ul	98
83) Benzo(a)anthracene	21.13	228	1282534	19.226	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	679552	16.927	ng/ul	98
85) Chrysene	21.19	228	1193657	18.238	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	1157245	16.251	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1415176	19.086	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1301319	17.815	ng/ul	100
91) Benzo(a)pyrene	23.21	252	1312800	19.455	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.43	276	1613297	18.104	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	1370687	18.164	ng/ul	98
94) Benzo(g,h,i)perylene	26.07	276	1309865	17.835	ng/ul	98

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

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