Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025746.D
Acq On : 25 Mar 2020 01:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:01 AM

Quant Time: Mar 25 02:17:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 23:08:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	212737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	919456	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.21	164	597722	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1274796	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1292677	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1495922	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	38356	7.56	ng/uL	0.00
5) Phenol-d5	6.76	99	324013	19.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	183442	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	270596	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	259395	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	132681	19.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	138888	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	287333	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	343094	19.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	831709	18.31	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	965485	17.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	152787	17.67	ng/ul	0.00
58) Fluorene-d10	15.21	176	715007	17.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	124899	16.06	ng/ul	0.00
71) Anthracene-d10	17.05	188	1082233	18.18	ng/ul	0.00
79) Pyrene-d10	19.35	212	1192191	19.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1450144	18.93	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	36829	6.745	ng/uL	94
4) Benzaldehyde	6.72	77	210992	23.727	ng/ul	96
6) Phenol	6.78	94	341090	19.454	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.00	93	264384	19.042	ng/ul	98
10) 2-Chlorophenol	7.14	128	294550	20.534	ng/ul	96
11) 2-Methylphenol	8.02	108	259873	19.371	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	357388	19.291	ng/ul	98
14) Acetophenone	8.38	105	416846	19.589	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	214079	20.082	ng/ul	98
16) 4-Methylphenol	8.34	108	285054	19.464	ng/ul	97
17) Hexachloroethane	8.63	117	114941	19.275	ng/ul	98
20) Nitrobenzene	8.75	77	315451	18.947	ng/ul	98
21) Isophorone	9.28	82	572925	18.634	ng/ul	98
23) 2-Nitrophenol	9.46	139	160346	19.652	ng/ul	94
24) 2,4-Dimethylphenol	9.53	107	299778	18.118	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	360639	18.301	ng/ul	100
27) 2,4-Dichlorophenol	9.99	162	291613	19.783	ng/ul	96
28) Naphthalene	10.39	128	925899	18.490	ng/ul	100
30) 4-Chloroaniline	10.50	127	365048	20.855	ng/ul	98
31) Hexachlorobutadiene	10.69	225	176864	18.366	ng/ul	98
32) Caprolactam	11.26	113	83406m	17.111	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	294830	19.240	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	687030	19.209	ng/ul	100

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35) 1-Methylnaphthalene	12.23	142	659441	18.489	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	356538	18.860	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	225390	17.470	ng/ul	97
39) 2,4,6-Trichlorophenol	12.63	196	227425	18.923	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	249722	19.088	ng/ul	100
41) 1,1'-Biphenyl	13.03	154	896906	18.780	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	691230	18.376	ng/ul	100
43) 2-Nitroaniline	13.28	65	183862	19.557	ng/ul	99
45) Dimethylphthalate	13.67	163	842381	17.814	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	174402	18.752	ng/ul	96
48) Acenaphthylene	13.93	152	1048875	17.794	ng/ul	100
49) 3-Nitroaniline	14.11	138	171285	20.413	ng/ul	91
50) Acenaphthene	14.27	153	732330	18.276	ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	115062	20.622	ng/ul	98
53) 4-Nitrophenol	14.43	109	179701	26.580	ng/ul	98
54) Dibenzofuran	14.61	168	1058538	18.622	ng/ul	99
55) 2,4-Dinitrotoluene	14.58	165	256555	18.867	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.84	232	222857	18.795	ng/ul	96
57) Diethylphthalate	15.06	149	840752	17.346	ng/ul	99
59) Fluorene	15.26	166	857881	17.942	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	430324	17.584	ng/ul	98
61) 4-Nitroaniline	15.28	138	192391	19.269	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.34	198	141755	16.666	ng/ul	97
65) N-Nitrosodiphenylamine	15.47	169	747190	18.967	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	292661	18.616	ng/ul	97
67) Hexachlorobenzene	16.27	284	346475	17.949	ng/ul	99
68) Atrazine	16.44	200	261356	17.591	ng/ul	98
69) Pentachlorophenol	16.62	266	270478	23.992	ng/ul	98
70) Phenanthrene	17.00	178	1365501	18.198	ng/ul	99
72) Anthracene	17.09	178	1376324	17.998	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	349798	17.907	ng/uL	98
74) Pentachlorobenzene	14.53	250	384514	17.684	ng/uL	100
75) Carbazole	17.36	167	1247774	18.671	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1404125	17.995	ng/ul	99
77) Fluoranthene	19.02	202	1564453	17.688	ng/ul	99
80) Pyrene	19.38	202	1604227	18.478	ng/ul	99
81) Butylbenzylphthalate	20.30	149	639861	19.351	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	507556	17.280	ng/ul	99
83) Benzo(a)anthracene	21.13	228	1620551	19.015	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	952747	18.576	ng/ul	99
85) Chrysene	21.19	228	1518968	18.166	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	1571966	17.537	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1758755	18.843	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1707599	18.572	ng/ul	99
91) Benzo(a)pyrene	23.20	252	1660500	19.549	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	2053021	18.302	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	1745762	18.379	ng/ul	100
94) Benzo(g,h,i)perylene	26.07	276	1699864	18.387	ng/ul	99

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

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