Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
Data File : BM025818.D
Acq On : 27 Mar 2020 02:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Manual Integrations APPROVED
mohammad
3/30/2020 8:31:17 AM

Quant Time: Mar 27 02:40:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 27 00:56:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	151445	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	624647	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	392909	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	851300	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	945704	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1044024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	29015	8.04	ng/uL	0.00
5) Phenol-d5	6.75	99	237979	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	136169	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	201964	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	193946	19.75	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	97203	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	100964	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	204335	20.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	239049	20.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	590155	19.76	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	729874	20.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	103260	18.16	ng/ul	0.00
58) Fluorene-d10	15.20	176	527212	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	88208	16.98	ng/ul	0.00
71) Anthracene-d10	17.04	188	807356	20.30	ng/ul	0.00
79) Pyrene-d10	19.34	212	877280	19.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1089904	20.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	31910	8.210	ng/uL	94
4) Benzaldehyde	6.72	77	89168	14.085	ng/ul	98
6) Phenol	6.78	94	252741	20.249	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.00	93	196324	19.862	ng/ul	98
10) 2-Chlorophenol	7.13	128	209240	20.491	ng/ul	97
11) 2-Methylphenol	8.01	108	189748	19.868	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	264274	20.038	ng/ul	99
14) Acetophenone	8.38	105	294652	19.451	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	151276	19.934	ng/ul	99
16) 4-Methylphenol	8.33	108	210013	20.143	ng/ul	95
17) Hexachloroethane	8.63	117	85374	20.111	ng/ul	94
20) Nitrobenzene	8.75	77	228667	20.217	ng/ul	99
21) Isophorone	9.27	82	408319	19.549	ng/ul	98
23) 2-Nitrophenol	9.45	139	115119	20.768	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	224736	19.993	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	258257	19.291	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	203411	20.313	ng/ul	98
28) Naphthalene	10.38	128	683282	20.085	ng/ul	99
30) 4-Chloroaniline	10.49	127	245988	20.685	ng/ul	98
31) Hexachlorobutadiene	10.68	225	125706	19.214	ng/ul	95
32) Caprolactam	11.25	113	55091m	16.636	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	211194	20.287	ng/ul	96
34) 2-Methylnaphthalene	12.00	142	481547	19.818	ng/ul	97

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35) 1-Methylnaphthalene	12.22	142	485742	20.046	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	251106	20.207	ng/ul	99
38) Hexachlorocyclopentadiene	12.36	237	125592	14.809	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	159484	20.187	ng/ul	98
40) 2,4,5-Trichlorophenol	12.69	196	176312	20.502	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	638801	20.348	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	498157	20.147	ng/ul	99
43) 2-Nitroaniline	13.27	65	129069	20.886	ng/ul	97
45) Dimethylphthalate	13.67	163	611370	19.668	ng/ul	100
46) 2,6-Dinitrotoluene	13.78	165	124375	20.344	ng/ul	99
48) Acenaphthylene	13.92	152	788960	20.362	ng/ul	99
49) 3-Nitroaniline	14.11	138	101608	18.422	ng/ul	96
50) Acenaphthene	14.27	153	531562	20.181	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	49640	13.534	ng/ul	99
53) 4-Nitrophenol	14.43	109	81572	18.355	ng/ul	98
54) Dibenzofuran	14.60	168	754142	20.182	ng/ul	98
55) 2,4-Dinitrotoluene	14.57	165	185418	20.744	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.84	232	153098	19.642	ng/ul	97
57) Diethylphthalate	15.05	149	616453	19.349	ng/ul	98
59) Fluorene	15.26	166	628360	19.992	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	311055	19.336	ng/ul	98
61) 4-Nitroaniline	15.27	138	114562	17.455	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.34	198	102018	17.961	ng/ul	95
65) N-Nitrosodiphenylamine	15.47	169	529461	20.127	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	205581	19.582	ng/ul	98
67) Hexachlorobenzene	16.26	284	255788	19.843	ng/ul	97
68) Atrazine	16.43	200	189456	19.095	ng/ul	99
69) Pentachlorophenol	16.61	266	132662	17.621	ng/ul	100
70) Phenanthrene	16.99	178	1019716	20.350	ng/ul	99
72) Anthracene	17.08	178	1034476	20.257	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	264714	20.293	ng/uL	98
74) Pentachlorobenzene	14.53	250	290918	20.035	ng/uL	98
75) Carbazole	17.35	167	895211	20.059	ng/ul	100
76) Di-n-butylphthalate	17.94	149	1024907	19.669	ng/ul	100
77) Fluoranthene	19.01	202	1165156	19.727	ng/ul	98
80) Pyrene	19.37	202	1220344	19.214	ng/ul	98
81) Butylbenzylphthalate	20.30	149	452655	18.712	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	320278	14.905	ng/ul	99
83) Benzo(a)anthracene	21.13	228	1187276	19.042	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	688496	18.349	ng/ul	98
85) Chrysene	21.18	228	1147376	18.756	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	1138698	18.202	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	1316815	20.215	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1293498	20.157	ng/ul	100
91) Benzo(a)pyrene	23.20	252	1193283	20.129	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.42	276	1548596	19.781	ng/ul	99
93) Dibenzo(a,h)anthracene	25.43	278	1303960	19.669	ng/ul	99
94) Benzo(g,h,i)perylene	26.06	276	1282320	19.874	ng/ul	98

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

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