Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025696.D
Acq On : 23 Mar 2020 15:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
mohammad
3/23/2020 4:30:04 PM

Quant Time: Mar 23 16:24:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	191708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	833253	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	533323	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1135213	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1165043	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1348564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	31955	6.99	ng/uL	0.00
5) Phenol-d5	6.76	99	297287	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	167087	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	246109	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	241440	19.42	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	119378	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	131084	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	262589	19.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	319765	20.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	735060	18.14	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	870885	17.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	138833	17.99	ng/ul	0.00
58) Fluorene-d10	15.21	176	637864	17.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	113541	16.39	ng/ul	0.00
71) Anthracene-d10	17.06	188	968478	18.27	ng/ul	0.00
79) Pyrene-d10	19.36	212	1066600	19.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1304158	18.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	33494	6.807	ng/uL	95
4) Benzaldehyde	6.72	77	187228	23.364	ng/ul	97
6) Phenol	6.79	94	317064	20.067	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.01	93	240307	19.206	ng/ul	98
10) 2-Chlorophenol	7.15	128	267426	20.689	ng/ul	98
11) 2-Methylphenol	8.02	108	238777	19.751	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.11	45	329146	19.716	ng/ul	97
14) Acetophenone	8.39	105	380170	19.825	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.38	70	194590	20.256	ng/ul	99
16) 4-Methylphenol	8.35	108	263749	19.984	ng/ul	99
17) Hexachloroethane	8.64	117	101020	18.798	ng/ul	95
20) Nitrobenzene	8.76	77	285156	18.899	ng/ul	99
21) Isophorone	9.29	82	522633	18.757	ng/ul	99
23) 2-Nitrophenol	9.46	139	145151	19.630	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	278948	18.603	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	328460	18.393	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	265113	19.846	ng/ul	99
28) Naphthalene	10.39	128	841765	18.549	ng/ul	100
30) 4-Chloroaniline	10.50	127	337688	21.287	ng/ul	100
31) Hexachlorobutadiene	10.69	225	155618	17.831	ng/ul	99
32) Caprolactam	11.26	113	76784m	17.382	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	267213	19.242	ng/ul	97
34) 2-Methylnaphthalene	12.01	142	619186	19.103	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	589393	18.234	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	317695	18.834	ng/ul	98
38) Hexachlorocyclopentadiene	12.37	237	188279	16.356	ng/ul	100
39) 2,4,6-Trichlorophenol	12.63	196	205051	19.121	ng/ul	98
40) 2,4,5-Trichlorophenol	12.70	196	224865	19.264	ng/ul	99
41) 1,1'-Biphenyl	13.04	154	798574	18.740	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	615991	18.353	ng/ul	99
43) 2-Nitroaniline	13.28	65	165351	19.712	ng/ul	97
45) Dimethylphthalate	13.68	163	745032	17.658	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	156036	18.803	ng/ul	94
48) Acenaphthylene	13.93	152	954276	18.144	ng/ul	100
49) 3-Nitroaniline	14.12	138	153205	20.463	ng/ul	94
50) Acenaphthene	14.27	153	660885	18.485	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	111516	22.399	ng/ul	94
53) 4-Nitrophenol	14.43	109	156857	26.003	ng/ul	95
54) Dibenzofuran	14.62	168	944252	18.617	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	227311	18.735	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.84	232	199066	18.815	ng/ul	98
57) Diethylphthalate	15.06	149	733961	16.972	ng/ul	98
59) Fluorene	15.27	166	762078	17.863	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	378627	17.340	ng/ul	98
61) 4-Nitroaniline	15.28	138	174332	19.569	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.35	198	129104	17.045	ng/ul#	97
65) N-Nitrosodiphenylamine	15.48	169	670909	19.125	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	254182	18.156	ng/ul	98
67) Hexachlorobenzene	16.27	284	304351	17.706	ng/ul	98
68) Atrazine	16.44	200	230730	17.439	ng/ul	99
69) Pentachlorophenol	16.62	266	248489	24.752	ng/ul	100
70) Phenanthrene	17.00	178	1217396	18.219	ng/ul	99
72) Anthracene	17.09	178	1235874	18.148	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	311838	17.927	ng/uL	97
74) Pentachlorobenzene	14.54	250	339804	17.549	ng/uL	100
75) Carbazole	17.36	167	1130068	18.988	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1240796	17.857	ng/ul	99
77) Fluoranthene	19.02	202	1413378	17.945	ng/ul	99
80) Pyrene	19.39	202	1450793	18.542	ng/ul	99
81) Butylbenzylphthalate	20.31	149	582633	19.551	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.07	252	483758	18.274	ng/ul	100
83) Benzo(a)anthracene	21.14	228	1477506	19.236	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	804015	17.393	ng/ul	99
85) Chrysene	21.19	228	1369555	18.173	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1401370	17.342	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1569885	18.657	ng/ul	100
89) Benzo(k)fluoranthene	22.71	252	1521333	18.354	ng/ul	99
91) Benzo(a)pyrene	23.21	252	1502795	19.626	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.43	276	1827451	18.071	ng/ul	100
93) Dibenzo(a,h)anthracene	25.44	278	1540794	17.993	ng/ul	100
94) Benzo(g,h,i)perylene	26.07	276	1481823	17.780	ng/ul	98

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

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