Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061020\
Data File : BM026334.D
Acq On : 10 Jun 2020 17:38
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02098

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Quant Time: Jun 10 18:27:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 10 10:35:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	136258	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	535778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	299405	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	587902	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	576354	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	592083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	29823	6.60	ng/uL	0.00
5) Phenol-d5	6.63	99	238848	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	159076	18.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	187964	19.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	183947	19.75	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	87923	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	97905	22.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	177182	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	222742	25.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	455520	18.97	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	568113	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	74308	17.48	ng/ul	0.00
58) Fluorene-d10	15.07	176	391804	18.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	71374	20.82	ng/ul	0.00
71) Anthracene-d10	16.93	188	574854	19.84	ng/ul	0.00
79) Pyrene-d10	19.23	212	609227	20.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	628028	19.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	32550	6.935	ng/uL#	85
4) Benzaldehyde	6.58	77	158995	19.767	ng/ul	93
6) Phenol	6.65	94	259860	18.754	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.87	93	204857	19.215	ng/ul	91
10) 2-Chlorophenol	6.99	128	200472	19.010	ng/ul#	85
11) 2-Methylphenol	7.88	108	187666	19.657	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.96	45	346273	17.894	ng/ul	95
14) Acetophenone	8.24	105	303391	19.413	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.23	70	169042	18.356	ng/ul#	93
16) 4-Methylphenol	8.20	108	201039	19.363	ng/ul	96
17) Hexachloroethane	8.48	117	86772	19.180	ng/ul	98
20) Nitrobenzene	8.61	77	243266	18.134	ng/ul	92
21) Isophorone	9.14	82	424573	19.029	ng/ul	95
23) 2-Nitrophenol	9.31	139	107939	21.492	ng/ul	90
24) 2,4-Dimethylphenol	9.39	107	226723	18.896	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.62	93	258454	18.365	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	180033	20.009	ng/ul#	95
28) Naphthalene	10.23	128	615794	18.798	ng/ul	99
30) 4-Chloroaniline	10.35	127	232427	25.288	ng/ul	97
31) Hexachlorobutadiene	10.52	225	124480	20.620	ng/ul	99
32) Caprolactam	11.13	113	48826m	19.512	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	194266	18.643	ng/ul	92
34) 2-Methylnaphthalene	11.86	142	417527	18.950	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	382918	18.732	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	221511	20.641	ng/ul	98
38) Hexachlorocyclopentadiene	12.22	237	123156	19.907	ng/ul	98
39) 2,4,6-Trichlorophenol	12.49	196	136126	21.804	ng/ul	100
40) 2,4,5-Trichlorophenol	12.56	196	142977	20.753	ng/ul	99
41) 1,1'-Biphenyl	12.90	154	511071	19.237	ng/ul#	98
42) 2-Chloronaphthalene	12.93	162	399783	19.500	ng/ul	96
43) 2-Nitroaniline	13.15	65	132488	19.174	ng/ul#	81
45) Dimethylphthalate	13.54	163	472105	18.728	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	97253	21.026	ng/ul	91
48) Acenaphthylene	13.79	152	605947	19.403	ng/ul	99
49) 3-Nitroaniline	13.99	138	94306	22.907	ng/ul#	80
50) Acenaphthene	14.14	153	415405	18.861	ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	45751	17.994	ng/ul#	80
53) 4-Nitrophenol	14.33	109	64944	17.165	ng/ul	90
54) Dibenzofuran	14.48	168	582906	18.833	ng/ul	95
55) 2,4-Dinitrotoluene	14.46	165	137018	19.989	ng/ul#	71
56) 2,3,4,6-Tetrachlorophenol	14.72	232	117585	20.295	ng/ul	95
57) Diethylphthalate	14.93	149	459782	18.446	ng/ul	99
59) Fluorene	15.13	166	468221	18.701	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.14	204	240787	19.271	ng/ul	99
61) 4-Nitroaniline	15.16	138	97795	19.015	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.23	198	74242	20.572	ng/ul	97
65) N-Nitrosodiphenylamine	15.35	169	395837	20.090	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	144644	21.127	ng/ul	96
67) Hexachlorobenzene	16.14	284	160333	20.828	ng/ul#	88
68) Atrazine	16.32	200	136949	21.224	ng/ul	99
69) Pentachlorophenol	16.49	266	80546	18.999	ng/ul	98
70) Phenanthrene	16.87	178	702393	18.967	ng/ul	99
72) Anthracene	16.96	178	722624	19.449	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	215013	21.896	ng/uL	98
74) Pentachlorobenzene	14.40	250	196993	21.145	ng/uL	97
75) Carbazole	17.24	167	618138	20.111	ng/ul	99
76) Di-n-butylphthalate	17.82	149	747515	20.306	ng/ul	99
77) Fluoranthene	18.90	202	791453	20.374	ng/ul	98
80) Pyrene	19.26	202	818402	20.227	ng/ul	95
81) Butylbenzylphthalate	20.19	149	330181	23.054	ng/ul	89
82) 3,3'-Dichlorobenzidine	20.96	252	258753	24.516	ng/ul#	97
83) Benzo(a)anthracene	21.02	228	774624	19.499	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	492468	22.183	ng/ul	99
85) Chrysene	21.07	228	757685	19.188	ng/ul	100
87) Di-n-octyl phthalate	21.83	149	824876	22.167	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	774157	19.330	ng/ul	98
89) Benzo(k)fluoranthene	22.56	252	763025	19.075	ng/ul	99
91) Benzo(a)pyrene	23.04	252	683125	19.382	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.19	276	886830	19.388	ng/ul	96
93) Dibenzo(a,h)anthracene	25.20	278	751027	19.389	ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	751194	19.675	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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