Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029430.D
Acq On : 09 Apr 2021 14:20
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02014

Manual Integrations APPROVED
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Quant Time: Apr 09 14:57:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	95413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	366800	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	201823	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	371326	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	349814	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	369798	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	21468	8.59	ng/uL	0.00
5) Phenol-d5	6.86	99	164463	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	105491	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	130567	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	123081	19.98	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	55417	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	59735	22.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	115869	21.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	150606	22.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	291573	20.17	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	387939	21.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	49938	18.84	ng/ul	0.00
58) Fluorene-d10	15.32	176	242565	19.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	36357	17.22	ng/ul	0.00
71) Anthracene-d10	17.16	188	350146	20.75	ng/ul	0.00
79) Pyrene-d10	19.45	212	359337	21.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	392678	20.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	21803	8.312	ng/uL	99
4) Benzaldehyde	6.83	77	111783m	25.258	ng/ul	
6) Phenol	6.89	94	173548	20.349	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	132103	20.436	ng/ul	96
10) 2-Chlorophenol	7.25	128	138049	21.306	ng/ul	97
11) 2-Methylphenol	8.13	108	123725	20.443	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	206108	21.681	ng/ul	99
14) Acetophenone	8.50	105	200118	19.868	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	112088	20.867	ng/ul	99
16) 4-Methylphenol	8.46	108	131895	19.987	ng/ul	97
17) Hexachloroethane	8.76	117	61886	21.960	ng/ul	93
20) Nitrobenzene	8.88	77	168557	21.852	ng/ul	99
21) Isophorone	9.40	82	276507	21.754	ng/ul	100
23) 2-Nitrophenol	9.59	139	66861	21.937	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	147384	21.013	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	166346	21.280	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	115765	21.238	ng/ul	100
28) Naphthalene	10.52	128	400018	20.918	ng/ul	100
30) 4-Chloroaniline	10.63	127	154055	22.379	ng/ul	100
31) Hexachlorobutadiene	10.80	225	69486	20.600	ng/ul	99
32) Caprolactam	11.40	113	31680	19.674	ng/ul	94
33) 4-Chloro-3-methylphenol	11.75	107	122264	21.280	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	268456	20.351	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	259907	20.241 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	120529	20.836 ng/ul	97
38) Hexachlorocyclopentadiene	12.49	237	68837	18.465 ng/ul	97
39) 2,4,6-Trichlorophenol	12.75	196	78304	21.547 ng/ul	96
40) 2,4,5-Trichlorophenol	12.82	196	85322	21.666 ng/ul	98
41) 1,1'-Biphenyl	13.16	154	334084	21.026 ng/ul	98
42) 2-Chloronaphthalene	13.19	162	255063	20.924 ng/ul	99
43) 2-Nitroaniline	13.40	65	85091	22.680 ng/ul	99
45) Dimethylphthalate	13.79	163	308656	20.770 ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	58365	21.322 ng/ul	97
48) Acenaphthylene	14.04	152	374185	20.978 ng/ul	99
49) 3-Nitroaniline	14.23	138	64481	22.883 ng/ul	98
50) Acenaphthene	14.39	153	273204	20.561 ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	27232	16.579 ng/ul	96
53) 4-Nitrophenol	14.53	109	53415	20.063 ng/ul	97
54) Dibenzofuran	14.72	168	365120	20.113 ng/ul	98
55) 2,4-Dinitrotoluene	14.69	165	83981	20.870 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.95	232	65862	21.363 ng/ul	93
57) Diethylphthalate	15.15	149	318193	20.872 ng/ul	99
59) Fluorene	15.37	166	307552	20.144 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	138621	19.370 ng/ul	96
61) 4-Nitroaniline	15.39	138	66541	20.745 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.45	198	38584	17.554 ng/ul	98
65) N-Nitrosodiphenylamine	15.58	169	261120	22.160 ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	77187	21.764 ng/ul	95
67) Hexachlorobenzene	16.37	284	84665	21.088 ng/ul	93
68) Atrazine	16.53	200	86159	20.386 ng/ul	96
69) Pentachlorophenol	16.72	266	50855	21.629 ng/ul	99
70) Phenanthrene	17.10	178	452189	21.152 ng/ul	99
72) Anthracene	17.20	178	469422	21.396 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	116720	21.969 ng/uL	99
74) Pentachlorobenzene	14.64	250	106217	21.642 ng/uL	97
75) Carbazole	17.46	167	418097	21.045 ng/ul	99
76) Di-n-butylphthalate	18.04	149	542464	23.700 ng/ul	100
77) Fluoranthene	19.12	202	486473	20.104 ng/ul	100
80) Pyrene	19.48	202	511569	22.082 ng/ul	98
81) Butylbenzylphthalate	20.39	149	247713	26.472 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.16	252	160859	21.406 ng/ul	99
83) Benzo(a)anthracene	21.23	228	480552	21.787 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	398935	26.136 ng/ul	98
85) Chrysene	21.27	228	460412	21.348 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	680295	23.319 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	506371	21.271 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	483480	20.684 ng/ul	99
91) Benzo(a)pyrene	23.36	252	444489	21.047 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	591251	21.391 ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	500626	21.555 ng/ul	98
94) Benzo(g,h,i)perylene	26.35	276	483414	21.534 ng/ul	98

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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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