Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028954.D
Acq On : 27 Feb 2021 12:54
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
3/1/2021 12:38:43 PM

Quant Time: Mar 01 00:43:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 15:22:35 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	16823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	70965	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	42029	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	79262	20.00	ng/ul	-0.01
78) Chrysene-d12	21.34	240	65658	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	60786	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	2950	7.90	ng/uL	0.00
5) Phenol-d5	6.96	99	26133	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	14751	21.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	22812	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	21861	22.35	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	10706	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	12273	21.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	22585	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	29062	24.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	59746	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	80021	20.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	9074	18.05	ng/ul	0.00
58) Fluorene-d10	15.43	176	50899	20.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	8981	19.00	ng/ul	0.00
71) Anthracene-d10	17.27	188	73701	20.46	ng/ul	0.00
79) Pyrene-d10	19.56	212	70652	21.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	63881	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	2904	7.712	ng/uL	97
4) Benzaldehyde	6.92	77	16236	26.871	ng/ul	99
6) Phenol	6.99	94	26901	21.319	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.20	93	20522	20.987	ng/ul	98
10) 2-Chlorophenol	7.33	128	23542	21.191	ng/ul	97
11) 2-Methylphenol	8.23	108	20838	21.880	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.31	45	33759m	22.329	ng/ul	
14) Acetophenone	8.61	105	35366	22.203	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	16532	23.455	ng/ul	96
16) 4-Methylphenol	8.57	108	22537	22.244	ng/ul	89
17) Hexachloroethane	8.84	117	10064	21.190	ng/ul	98
20) Nitrobenzene	8.99	77	25166	20.998	ng/ul	98
21) Isophorone	9.51	82	43883	21.688	ng/ul	97
23) 2-Nitrophenol	9.70	139	13746	21.417	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	26254	21.262	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.99	93	27917	21.091	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	22238	21.041	ng/ul	96
28) Naphthalene	10.62	128	74122	20.473	ng/ul	98
30) 4-Chloroaniline	10.75	127	29305	24.023	ng/ul	98
31) Hexachlorobutadiene	10.89	225	13799	20.022	ng/ul	94
32) Caprolactam	11.55	113	6116	21.631	ng/ul	91
33) 4-Chloro-3-methylphenol	11.89	107	22969	21.564	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	52458	21.200	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.46	142	50623	21.252 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.61	216	25886	19.773 ng/ul	96
38) Hexachlorocyclopentadiene	12.57	237	8046	15.901 ng/ul	95
39) 2,4,6-Trichlorophenol	12.86	196	17147	20.727 ng/ul	92
40) 2,4,5-Trichlorophenol	12.95	196	18534	21.014 ng/ul	96
41) 1,1'-Biphenyl	13.26	154	66001	20.143 ng/ul	98
42) 2-Chloronaphthalene	13.30	162	51264	19.842 ng/ul	98
43) 2-Nitroaniline	13.53	65	14567	21.770 ng/ul	95
45) Dimethylphthalate	13.90	163	62468	20.728 ng/ul	100
46) 2,6-Dinitrotoluene	14.03	165	13003	21.908 ng/ul	99
48) Acenaphthylene	14.16	152	75682	20.574 ng/ul	98
49) 3-Nitroaniline	14.36	138	13273	22.985 ng/ul	94
50) Acenaphthene	14.50	153	54507	20.472 ng/ul	97
51) 2,4-Dinitrophenol	14.59	184	5840	17.536 ng/ul	89
53) 4-Nitrophenol	14.69	109	8459	18.958 ng/ul	94
54) Dibenzofuran	14.83	168	75292	20.424 ng/ul	98
55) 2,4-Dinitrotoluene	14.83	165	18304	21.241 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.07	232	13673	20.031 ng/ul#	95
57) Diethylphthalate	15.26	149	62674	20.570 ng/ul	98
59) Fluorene	15.49	166	61649	20.394 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.48	204	30390	20.368 ng/ul	98
61) 4-Nitroaniline	15.53	138	12968	21.796 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	9336	19.467 ng/ul	98
65) N-Nitrosodiphenylamine	15.70	169	51173	21.016 ng/ul	95
66) 4-Bromophenyl-phenylether	16.37	248	17059	21.146 ng/ul	98
67) Hexachlorobenzene	16.48	284	19342	21.349 ng/ul	96
68) Atrazine	16.65	200	17361	20.264 ng/ul	98
69) Pentachlorophenol	16.83	266	8715	17.913 ng/ul	98
70) Phenanthrene	17.22	178	89356	20.567 ng/ul	99
72) Anthracene	17.31	178	92327	20.620 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	25915	20.838 ng/uL	99
74) Pentachlorobenzene	14.75	250	23857	20.827 ng/uL	99
75) Carbazole	17.59	167	80119	20.258 ng/ul	99
76) Di-n-butylphthalate	18.13	149	99267	20.879 ng/ul	100
77) Fluoranthene	19.23	202	94217	19.889 ng/ul	99
80) Pyrene	19.59	202	96066	22.335 ng/ul	99
81) Butylbenzylphthalate	20.48	149	40842	21.899 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.26	252	29536	22.306 ng/ul	98
83) Benzo(a)anthracene	21.33	228	85176	20.758 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	58436	20.975 ng/ul	99
85) Chrysene	21.37	228	82947	20.838 ng/ul	100
87) Di-n-octyl phthalate	22.11	149	95600	20.720 ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	81099	20.532 ng/ul	98
89) Benzo(k)fluoranthene	22.92	252	80261	21.774 ng/ul	98
91) Benzo(a)pyrene	23.44	252	71794	20.926 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.74	276	89267	20.583 ng/ul	100
93) Dibenzo(a,h)anthracene	25.75	278	75937	20.514 ng/ul	99
94) Benzo(g,h,i)perylene	26.42	276	74458	20.554 ng/ul	99

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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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