Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028918.D
Acq On : 26 Feb 2021 14:24
Operator : CG/JU
Sample : SSTD16002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16002

Manual Integrations APPROVED
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Quant Time: Feb 26 15:20:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 15:01:59 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	14655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	55907	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	31383	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.19	188	57859	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	53904	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	53376	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.97	99	168948	159.58	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.13	67	95235	158.11	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.53	113	134712	158.11	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.74	131	108385	114.45	ng/ul	0.01
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.70	143	61142	162.89	ng/ul	0.02
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.60	200	63879	185.15	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	34665	65.860	ng/ul	93
6) Phenol	7.00	94	174820	159.039	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.22	93	136252	159.950	ng/ul	100
11) 2-Methylphenol	8.25	108	131848	158.924	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	205410	155.963	ng/ul	98
14) Acetophenone	8.63	105	221282	159.471	ng/ul	98
16) 4-Methylphenol	8.60	108	140928	159.674	ng/ul	91
30) 4-Chloroaniline	10.76	127	112468	117.029	ng/ul	98
32) Caprolactam	11.61	113	37073m	166.436	ng/ul	
38) Hexachlorocyclopentadiene	12.59	237	83318	220.510	ng/ul	99
49) 3-Nitroaniline	14.38	138	58271	135.137	ng/ul	99
51) 2,4-Dinitrophenol	14.60	184	49542	199.224	ng/ul	100
53) 4-Nitrophenol	14.72	109	52762	158.358	ng/ul	97
61) 4-Nitroaniline	15.56	138	69305	155.029	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.62	198	63434	181.203	ng/ul#	92
68) Atrazine	16.67	200	102571	164.007	ng/ul	96
69) Pentachlorophenol	16.84	266	63812	179.682	ng/ul	99
75) Carbazole	17.60	167	460877	159.642	ng/ul	99
77) Fluoranthene	19.24	202	548706	158.676	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.27	252	149421	137.450	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	703227	173.575	ng/ul	100

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

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