Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004943.D
Acq On : 09 Mar 2021 14:37
Operator : CG/JU
Sample : SSTD16080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTD16080

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:21 AM

Quant Time: Mar 09 15:11:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 14:05:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	40096	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	167726	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	113611	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	254060	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	289225	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	280413	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	6.92	99	536912	175.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	262859	167.21	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.46	113	434093	175.25	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	10.67	131	342011	115.74	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	14.62	143	254237	177.17	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.53	200	301559	181.29	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	6.88	77	103497	67.463	ng/ul	95
6) Phenol	6.95	94	559920	174.425	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.17	93	398884	168.218	ng/ul	98
11) 2-Methylphenol	8.19	108	432081	176.258	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.28	45	402521	167.379	ng/ul	98
14) Acetophenone	8.57	105	715586	175.006	ng/ul	95
16) 4-Methylphenol	8.53	108	456765	173.794	ng/ul	97
30) 4-Chloroaniline	10.70	127	353839	117.785	ng/ul	98
32) Caprolactam	11.53	113	146449m	175.987	ng/ul	
38) Hexachlorocyclopentadiene	12.55	237	441159	175.701	ng/ul	98
49) 3-Nitroaniline	14.31	138	232735	156.469	ng/ul	96
51) 2,4-Dinitrophenol	14.52	184	222656	193.467	ng/ul#	92
53) 4-Nitrophenol	14.64	109	256516	170.277	ng/ul#	85
61) 4-Nitroaniline	15.50	138	296670m	172.944	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.55	198	297485	177.163	ng/ul#	88
68) Atrazine	16.63	200	490351	167.820	ng/ul	97
69) Pentachlorophenol	16.80	266	372687	180.859	ng/ul	94
75) Carbazole	17.56	167	1968557	164.809	ng/ul	100
77) Fluoranthene	19.17	202	2706874	162.609	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.16	252	922463	153.264	ng/ul	98
87) Di-n-octyl phthalate	22.04	149	2859187	181.640	ng/ul	100

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

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