Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030524\
Data File : BM044505.D
Acq On : 05 Mar 2024 17:04
Operator : MA/JU
Sample : SSTD16005
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160025

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 05 23:03:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 17:11:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	265381	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1224400	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	711794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.127	188	1478279	20.000	ng/ul	0.00
79) Chrysene-d12	21.321	240	945628	20.000	ng/ul	0.01
88) Perylene-d12	23.568	264	947624	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.681	84	3859507	169.597	ng/ul	0.00
7) Phenol-d5	6.922	99	4684520	174.889	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.093	67	2719718	161.727	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.457	113	3623443	171.541	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.675	131	4771248	149.963	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.622	143	1944570	170.044	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.521	200	1610560	169.920	ng/ul	0.03
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.699	79	3925012	165.441	ng/ul	98
6) Benzaldehyde	6.899	77	1367346m	108.197	ng/ul	
8) Phenol	6.951	94	4658501	169.225	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.187	93	3708284	162.736	ng/ul	99
13) 2-Methylphenol	8.187	108	3534603	169.194	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.263	45	4876613	161.879	ng/ul	99
16) Acetophenone	8.575	105	4947355	146.325	ng/ul	99
18) 4-Methylphenol	8.534	108	3816707	167.478	ng/ul	94
32) 4-Chloroaniline	10.704	127	4508431	146.306	ng/ul	98
34) Caprolactam	11.551	113	1258187m	174.090	ng/ul	
40) Hexachlorocyclopentadiene	12.522	237	2183553	163.059	ng/ul	98
51) 3-Nitroaniline	14.316	138	2052271	169.382	ng/ul	100
53) 2,4-Dinitrophenol	14.522	184	1421940	207.507	ng/ul	95
55) 4-Nitrophenol	14.639	109	1386768	173.902	ng/ul	88
63) 4-Nitroaniline	15.498	138	1687011m	140.478	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.539	198	1672923	163.951	ng/ul#	99
70) Atrazine	16.621	200	2055465	137.260	ng/ul	100
71) Pentachlorophenol	16.774	266	1790299	161.235	ng/ul	98
77) Carbazole	17.545	167	11194862	136.312	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.245	252	2426816	111.438	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	13720088	162.234	ng/ul	100

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