Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050324\
Data File : BN031389.D
Acq On : 03 May 2024 13:42
Operator : MA/JU
Sample : SSTD16055
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160236

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/04/2024

Quant Time: May 03 14:14:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 13:55:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	148200	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	602546	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	340769	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	624878	20.000	ng/ul	0.00
79) Chrysene-d12	21.245	240	513359	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	641192	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	3.522	84	1441530	162.459	ng/ul	0.00
7) Phenol-d5	6.799	99	1762203	154.967	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.958	67	974983	151.087	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.334	113	1435642	151.608	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	10.540	131	1745647	134.636	ng/ul	0.02
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	14.504	143	636108	142.787	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.398	200	626247	164.841	ng/ul	0.02
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	3.540	79	1426294	159.168	ng/ul	97
6) Benzaldehyde	6.758	77	544275	93.103	ng/ul	94
8) Phenol	6.828	94	1739878	150.376	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.052	93	1376418	148.999	ng/ul	97
13) 2-Methylphenol	8.058	108	1350072	150.849	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	1503450	148.163	ng/ul	98
16) Acetophenone	8.440	105	2096710	137.447	ng/ul	99
18) 4-Methylphenol	8.410	108	1414332	145.175	ng/ul	93
32) 4-Chloroaniline	10.563	127	1674354	133.410	ng/ul	98
34) Caprolactam	11.416	113	393566m	131.627	ng/ul	
40) Hexachlorocyclopentadiene	12.399	237	1162534	191.370	ng/ul	96
51) 3-Nitroaniline	14.193	138	698692	137.372	ng/ul	93
53) 2,4-Dinitrophenol	14.398	184	504938	171.751	ng/ul	94
55) 4-Nitrophenol	14.522	109	637426	137.363	ng/ul	97
63) 4-Nitroaniline	15.369	138	510858	109.160	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	643046	161.822	ng/ul	99
70) Atrazine	16.498	200	830560	135.703	ng/ul	99
71) Pentachlorophenol	16.657	266	762702	159.548	ng/ul	95
77) Carbazole	17.422	167	4126135	141.942	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.163	252	1410733	144.966	ng/ul	97
89) Di-n-octyl phthalate	22.245	149	6449045	136.933	ng/ul	100

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

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