Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
Data File : BM046953.D
Acq On : 02 Aug 2024 17:44
Operator : MA/JU
Sample : SSTD16029
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160011

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 03 02:41:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:17:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	148601	20.000	ng/ul	0.00
20) Naphthalene-d8	10.163	136	580131	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.063	164	377328	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	843450	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	729671	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	771541	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.411	84	1448472	119.276	ng/ul	0.00
7) Phenol-d5	6.622	99	1646830	125.321	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.769	67	1022969	120.806	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.146	113	1338791	158.975	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	10.322	131	1875647	146.762	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	14.333	143	864671	163.377	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.222	200	870365	159.062	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	3.428	79	1412187	115.657	ng/ul	98
6) Benzaldehyde	6.569	77	643538	78.160	ng/ul	97
8) Phenol	6.652	94	1639850	120.448	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.863	93	1377609	129.511	ng/ul	98
13) 2-Methylphenol	7.869	108	1300766	159.448	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	7.934	45	1569522	149.447	ng/ul	97
16) Acetophenone	8.234	105	2032291	145.964	ng/ul	97
18) 4-Methylphenol	8.216	108	1367704	155.158	ng/ul	99
32) 4-Chloroaniline	10.345	127	1808148	147.476	ng/ul	100
34) Caprolactam	11.181	113	485885m	167.711	ng/ul	
40) Hexachlorocyclopentadiene	12.204	237	1379347	161.799	ng/ul	96
51) 3-Nitroaniline	13.998	138	833665	149.255	ng/ul	97
53) 2,4-Dinitrophenol	14.210	184	721897	172.274	ng/ul	93
55) 4-Nitrophenol	14.345	109	808391	126.753	ng/ul	96
63) 4-Nitroaniline	15.180	138	745878m	129.489	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.239	198	928350	154.760	ng/ul#	92
70) Atrazine	16.333	200	1529652	156.023	ng/ul	96
71) Pentachlorophenol	16.486	266	1220235	157.140	ng/ul	97
77) Carbazole	17.245	167	6409499	153.014	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.992	252	2801064	159.918	ng/ul#	98
89) Di-n-octyl phthalate	22.051	149	9524184	196.919	ng/ul	100

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

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