Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 03 00:39:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GCF42

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/04/2024
Supervised By :mohammad ahmed 01/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	191688	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	732690	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	453560	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	812513	20.000	ng/ul	# 0.01
79) Chrysene-d12	21.327	240	902415	20.000	ng/ul	# 0.02
88) Perylene-d12	23.692	264	1167813	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	18586	3.311	ng/uL	0.00
4) Pyridine-d5	3.664	84	177418	12.594	ng/ul	0.01
7) Phenol-d5	6.987	99	400982	23.326	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	225077	22.633	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	319457	23.052	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	287815	21.506	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	157877	24.927	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	186539	27.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	352644	25.513	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	24798m	1.459	ng/ul	0.02
46) Dimethylphthalate-d6	13.863	166	1027491	25.647	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	1189993	27.375	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	173705	25.677	ng/ul	0.02
60) Fluorene-d10	15.439	176	874844	25.277	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	135415	25.423	ng/ul	0.00
73) Anthracene-d10	17.316	188	1102932	25.993	ng/ul	0.01
81) Pyrene-d10	19.569	212	1219769	22.179	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.533	264	1733976	25.832	ng/ul	0.02
Target Compounds						Qvalue
6) Benzaldehyde	6.946	77	14024	1.757	ng/ul	94
16) Acetophenone	8.628	105	22574	1.126	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.081	232	309872	29.971	ng/ul#	96
71) Pentachlorophenol	16.886	266	7800457	1076.524	ng/ul	98
82) Pyrene	19.598	202	98130	1.484	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	21.227	149	118023	3.394	ng/ul#	63
87) Chrysene	21.345	228	75758	1.139	ng/ul#	11

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

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