Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023743.D
Acq On : 27 Jan 2025 16:31
Operator : RC/JU
Sample : Q1174-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 27 23:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
E2937

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	655120	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2802119	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	1894862	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.228	188	3592714	20.000	ng/ul	0.01
79) Chrysene-d12	21.680	240	3599804	20.000	ng/ul	0.00
88) Perylene-d12	25.092	264	4004453	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	72112	4.433	ng/uL	0.00
4) Pyridine-d5	3.716	84	508506	10.834	ng/ul	0.01
7) Phenol-d5	6.975	99	628944	11.346	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	1026092	32.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1487157	35.289	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	1132765	25.987	ng/ul	0.02
21) Nitrobenzene-d5	8.940	128	821896	38.930	ng/ul	0.01
24) 2-Nitrophenol-d4	9.657	143	920957	47.582	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.199	165	1634073	40.165	ng/ul	0.02
31) 4-Chloroaniline-d4	10.704	131	1327617	20.405	ng/ul	0.01
46) Dimethylphthalate-d6	13.834	166	4712844	34.584	ng/ul	0.02
49) Acenaphthylene-d8	14.116	160	5677215	35.996	ng/ul	0.01
54) 4-Nitrophenol-d4	14.645	143	301636	11.016	ng/ul	0.05
60) Fluorene-d10	15.439	176	4344582	37.244	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.551	200	757842	42.835	ng/ul	0.02
73) Anthracene-d10	17.333	188	6695965	38.821	ng/ul	0.01
81) Pyrene-d10	19.698	212	7453409	40.690	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.868	264	7791439	38.873	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	72909	4.237	ng/uL#	95
8) Phenol	7.010	94	10661607	183.807	ng/ul	97
13) 2-Methylphenol	8.240	108	59906	1.423	ng/ul	100
18) 4-Methylphenol	8.563	108	1470059	31.411	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	682892m	14.499	ng/ul	
36) 2-Methylnaphthalene	12.234	142	170636	1.676	ng/ul	96
37) 1-Methylnaphthalene	12.451	142	156268	1.535	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	55838	1.528	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.063	232	167336	5.575	ng/ul#	89
71) Pentachlorophenol	16.875	266	29672	1.049	ng/ul	97

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

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