Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018696.D
Acq On : 08 Dec 2023 04:45
Operator : MA/JU
Sample : 05459-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 08 05:18:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 04 21:39:40 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
C0AK0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	254940	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	961777	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	596490	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1430966	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1582856	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1822002	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	20143	2.692	ng/uL	0.00
4) Pyridine-d5	3.693	84	20643	1.030	ng/ul	0.00
7) Phenol-d5	7.011	99	330969	12.936	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	207703	13.698	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	263921	13.220	ng/ul	-0.01
15) 4-Methylphenol-d8	8.558	113	152619	7.371	ng/ul	-0.01
21) Nitrobenzene-d5	9.005	128	123084	14.379	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	124900	14.073	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	250166	13.785	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.781	131	138132	5.824	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	810521	15.225	ng/ul	-0.02
49) Acenaphthylene-d8	14.169	160	908825	15.503	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.675	143	109054	12.479	ng/ul	-0.01
60) Fluorene-d10	15.463	176	761167	17.033	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.587	200	61889	7.213	ng/ul	0.00
73) Anthracene-d10	17.322	188	1167446	15.519	ng/ul	0.00
81) Pyrene-d10	19.557	212	1742384	14.141	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.522	264	1790659	16.856	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.040	94	50085	1.996	ng/ul	96
16) Acetophenone	8.669	105	244780	7.933	ng/ul	98
36) 2-Methylnaphthalene	12.299	142	42417	1.026	ng/ul	100
72) Phenanthrene	17.263	178	253812	2.937	ng/ul	100
80) Fluoranthene	19.234	202	494552	3.396	ng/ul	97
82) Pyrene	19.586	202	404264	2.751	ng/ul	97
85) Benzo(a)anthracene	21.292	228	283955	2.210	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	95843	1.296	ng/ul	98
87) Chrysene	21.345	228	270418	2.286	ng/ul	98
90) Benzo(b)fluoranthene	22.957	252	481353	3.583	ng/ul	96
91) Benzo(k)fluoranthene	22.992	252	151250m	1.164	ng/ul	
93) Benzo(a)pyrene	23.569	252	329681	2.686	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.127	276	259031	1.766	ng/ul	95
96) Benzo(g,h,i)perylene	26.886	276	178714	1.514	ng/ul	97

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

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