Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA5

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

Quant Time: Dec 08 17:47:00 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	204710	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.640	136	961543	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.475	164	572006	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.222	188	1406343	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1620842	20.000	ng/ul	0.00
88) Perylene-d12	23.680	264	1894583	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	11782	1.961	ng/uL	0.00
4) Pyridine-d5	3.687	84	38983	2.423	ng/ul	0.00
7) Phenol-d5	7.011	99	209638	10.205	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	160903	13.215	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.375	132	180052	11.232	ng/ul	-0.01
15) 4-Methylphenol-d8	8.552	113	84729	5.096	ng/ul	-0.02
21) Nitrobenzene-d5	9.005	128	90713	10.600	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.722	143	87806	9.896	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.257	165	156624	8.633	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.781	131	142897	6.027	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	540249	10.582	ng/ul	-0.02
49) Acenaphthylene-d8	14.163	160	616011	10.958	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.675	143	39703	4.738	ng/ul	-0.01
60) Fluorene-d10	15.463	176	516051	12.042	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.581	200	25759	3.055	ng/ul	-0.01
73) Anthracene-d10	17.322	188	798731	10.803	ng/ul	0.00
81) Pyrene-d10	19.557	212	1194340	9.466	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.521	264	1287229	11.653	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.040	94	34821	1.728	ng/ul	98
16) Acetophenone	8.669	105	182204	7.354	ng/ul	99
72) Phenanthrene	17.263	178	1260151	14.836	ng/ul	100
74) Anthracene	17.351	178	326060	3.830	ng/ul	100
77) Carbazole	17.628	167	100534	1.482	ng/ul	99
80) Fluoranthene	19.233	202	2666927	17.882	ng/ul	97
82) Pyrene	19.586	202	2356704	15.664	ng/ul	97
85) Benzo(a)anthracene	21.292	228	1323640	10.061	ng/ul	99
87) Chrysene	21.345	228	1168840	9.648	ng/ul	97
90) Benzo(b)fluoranthene	22.957	252	1407689	10.077	ng/ul	98
91) Benzo(k)fluoranthene	22.998	252	523660m	3.874	ng/ul	
93) Benzo(a)pyrene	23.574	252	1021811	8.006	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.133	276	671939	4.406	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.145	278	167436	1.320	ng/ul#	91
96) Benzo(g,h,i)perylene	26.892	276	432308	3.522	ng/ul	96

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

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