Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
Data File : BP021472.D
Acq On : 09 Aug 2024 15:42
Operator : RC/JU
Sample : P3329-05ME 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 09 16:45:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 18:23:21 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
F7E07ME

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	172191	20.000	ng/ul	0.02
20) Naphthalene-d8	10.369	136	688127	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	494930	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	1095313	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1131711	20.000	ng/ul	0.00
88) Perylene-d12	24.798	264	1265283	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	2816	0.744	ng/uL	0.00
4) Pyridine-d5	3.634	84	25224m	2.303	ng/ul	0.05
7) Phenol-d5	6.946	99	23947	1.706	ng/ul	0.12
9) Bis-(2-Chloroethyl)eth...	7.005	67	32594m	3.831	ng/ul	0.05
11) 2-Chlorophenol-d4	7.228	132	37176	3.214	ng/ul	0.07
15) 4-Methylphenol-d8	8.428	113	45529m	3.905	ng/ul	0.08
21) Nitrobenzene-d5	8.834	128	15754	2.948	ng/ul	0.06
24) 2-Nitrophenol-d4	9.528	143	20843m	3.407	ng/ul	0.04
28) 2,4-Dichlorophenol-d3	10.146	165	40773m	3.686	ng/ul	0.10
31) 4-Chloroaniline-d4	10.604	131	72551m	4.951	ng/ul	0.06
46) Dimethylphthalate-d6	13.669	166	197005	5.476	ng/ul	0.01
49) Acenaphthylene-d8	13.945	160	192914	4.775	ng/ul	0.01
54) 4-Nitrophenol-d4	14.740	143	16243m	3.173	ng/ul	0.16
60) Fluorene-d10	15.263	176	173562	5.880	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	15126m	2.282	ng/ul	0.06
73) Anthracene-d10	17.169	188	282941	5.816	ng/ul	0.00
81) Pyrene-d10	19.557	212	321257	4.592	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.568	264	362738	5.813	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.422	128	3016843	83.347	ng/ul	99
36) 2-Methylnaphthalene	12.051	142	555327	22.351	ng/ul	100
37) 1-Methylnaphthalene	12.263	142	254560	9.962	ng/ul	99
43) 1,1'-Biphenyl	13.087	154	125690	3.475	ng/ul	98
52) Acenaphthene	14.316	153	452062	14.890	ng/ul	98
56) Dibenzofuran	14.669	168	530261	12.755	ng/ul	97
61) Fluorene	15.328	166	535330	15.780	ng/ul	99
72) Phenanthrene	17.104	178	2327043	40.954	ng/ul	99
74) Anthracene	17.210	178	502901m	8.682	ng/ul	
77) Carbazole	17.516	167	298969	6.314	ng/ul	99
80) Fluoranthene	19.210	202	1304932	15.444	ng/ul	99
82) Pyrene	19.586	202	908030	10.561	ng/ul	99
85) Benzo(a)anthracene	21.486	228	341203m	4.304	ng/ul	
87) Chrysene	21.563	228	261646	3.552	ng/ul	97
90) Benzo(b)fluoranthene	23.768	252	175107m	2.281	ng/ul	
93) Benzo(a)pyrene	24.639	252	99071	1.365	ng/ul#	85

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

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