Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 23:04:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	77334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	306757	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	236670	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.057	188	566359	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	600038	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	704229	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3313	1.665	ng/uL	0.00
4) Pyridine-d5	3.617	84	5412	0.991	ng/ul	0.02
7) Phenol-d5	6.834	99	70554	10.838	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	40414	10.563	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	51297	11.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	40902	7.873	ng/ul	0.00
21) Nitrobenzene-d5	8.781	128	25419	10.777	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	29753	10.896	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	59581	10.266	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	8813m	1.285	ng/ul	0.01
46) Dimethylphthalate-d6	13.669	166	212975	11.326	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	224933	11.262	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.516	143	23337m	7.398	ng/ul	0.00
60) Fluorene-d10	15.263	176	194002	11.895	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	11451	3.074	ng/ul	0.01
73) Anthracene-d10	17.169	188	306691	11.511	ng/ul	0.00
81) Pyrene-d10	19.539	212	365865	11.530	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	331141	8.805	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.864	94	15373	2.270	ng/ul	96
16) Acetophenone	8.452	105	44065	5.138	ng/ul	97
30) Naphthalene	10.440	128	29461	1.803	ng/ul	95
52) Acenaphthene	14.328	153	42387	2.892	ng/ul	98
56) Dibenzofuran	14.675	168	46709	2.121	ng/ul	97
61) Fluorene	15.322	166	64482	3.594	ng/ul	96
72) Phenanthrene	17.104	178	1096180	36.177	ng/ul	99
74) Anthracene	17.204	178	222207	7.349	ng/ul	99
77) Carbazole	17.492	167	68166	2.548	ng/ul	98
80) Fluoranthene	19.192	202	1566670	42.948	ng/ul	99
82) Pyrene	19.575	202	1064519	27.227	ng/ul	97
85) Benzo(a)anthracene	21.480	228	621578	14.777	ng/ul	98
87) Chrysene	21.545	228	603967	15.485	ng/ul	98
90) Benzo(b)fluoranthene	23.727	252	763420	17.222	ng/ul	99
91) Benzo(k)fluoranthene	23.792	252	267331	6.160	ng/ul	97
93) Benzo(a)pyrene	24.604	252	315494m	7.733	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.445	276	266927	4.903	ng/ul	98
95) Dibenzo(a,h)anthracene	28.504	278	93635m	2.124	ng/ul	

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

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