

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021421.D
 Acq On : 07 Aug 2024 15:36
 Operator : CG/JU
 Sample : P3329-04DL2 30X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 F7E03DL2

Quant Time: Aug 08 05:07:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	148214	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.375	136	636741	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.263	164	428909	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	947569	20.000	ng/u1	-0.01
79) Chrysene-d12	21.516	240	996931	20.000	ng/u1	-0.02
88) Perylene-d12	24.798	264	1133547	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	765	0.235	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.022	67	10280m	1.404	ng/u1	0.04
11) 2-Chlorophenol-d4	7.252	132	10246m	1.029	ng/u1	0.07
15) 4-Methylphenol-d8	8.475	113	11267m	1.123	ng/u1	0.11
21) Nitrobenzene-d5	8.846	128	3961	0.801	ng/u1	0.05
24) 2-Nitrophenol-d4	9.534	143	5416m	0.957	ng/u1	0.03
28) 2,4-Dichlorophenol-d3	10.169	165	12006m	1.173	ng/u1	0.12
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.681	166	42711	1.370	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	41052	1.173	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.275	176	37184	1.454	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.180	188	59050	1.403	ng/u1	-0.01
81) Pyrene-d10	19.563	212	77382	1.256	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.586	264	76435	1.367	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.428	128	4885505	145.866	ng/u1	100
36) 2-Methylnaphthalene	12.057	142	828327	36.029	ng/u1	100
37) 1-Methylnaphthalene	12.269	142	379332	16.042	ng/u1	98
43) 1,1'-Biphenyl	13.087	154	191502	6.109	ng/u1	98
52) Acenaphthene	14.328	153	574912	21.852	ng/u1	99
56) Dibenzofuran	14.675	168	685526	19.027	ng/u1	99
61) Fluorene	15.334	166	676675	23.016	ng/u1	99
72) Phenanthrene	17.122	178	2784561	56.647	ng/u1	99
74) Anthracene	17.216	178	1130707	22.563	ng/u1	98
77) Carbazole	17.528	167	594066	14.502	ng/u1	99
80) Fluoranthene	19.216	202	1735271	23.313	ng/u1	99
82) Pyrene	19.598	202	1197777	15.814	ng/u1	99
85) Benzo(a)anthracene	21.498	228	390922m	5.598	ng/u1	
87) Chrysene	21.563	228	310730	4.788	ng/u1	96
90) Benzo(b)fluoranthene	23.780	252	197377	2.869	ng/u1	95
91) Benzo(k)fluoranthene	23.839	252	80006m	1.165	ng/u1	
93) Benzo(a)pyrene	24.645	252	117400	1.806	ng/u1#	91

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

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