

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031340.D
 Acq On : 01 May 2024 05:08
 Operator : MA/JU
 Sample : P2203-20
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 08:30:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	244846	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1091956	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	711549	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1481446	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1100927	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1093120	20.000	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	28017	5.327	ng/uL	0.00
4) Pyridine-d5	3.534	84	401014	26.628	ng/u1	0.00
7) Phenol-d5	6.793	99	530029	26.901	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	355272	30.797	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	356348	22.608	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	466147	28.550	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	261140	33.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	116515	13.757	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	252563	16.058	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	728357	31.955	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1564017	33.341	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1837486	33.759	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.257	176	1372743	34.268	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.116	188	2022950	33.087	ng/u1	0.00
81) Pyrene-d10	19.416	212	2250098	33.559	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1708775	33.765	ng/u1	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.440	128	252121	4.698	ng/u1	99
36) 2-Methylnaphthalene	12.063	142	82909	2.228	ng/u1	91
37) 1-Methylnaphthalene	12.287	142	41413	1.100	ng/u1#	97
52) Acenaphthene	14.328	153	155060	3.774	ng/u1	99
56) Dibenzofuran	14.663	168	192315	3.447	ng/u1	94
61) Fluorene	15.316	166	215396	4.842	ng/u1	99
72) Phenanthrene	17.057	178	1229478	16.770	ng/u1	100
74) Anthracene	17.145	178	358728	4.893	ng/u1	99
77) Carbazole	17.422	167	106294	1.660	ng/u1	98
80) Fluoranthene	19.080	202	1072966	13.349	ng/u1	100
82) Pyrene	19.445	202	746163	9.100	ng/u1	99
85) Benzo(a)anthracene	21.233	228	293521	4.085	ng/u1	96
87) Chrysene	21.292	228	287933	4.277	ng/u1	97
90) Benzo(b)fluoranthene	23.227	252	300201	4.532	ng/u1#	84
91) Benzo(k)fluoranthene	23.280	252	97632	1.499	ng/u1#	73
93) Benzo(a)pyrene	24.004	252	179903	3.036	ng/u1#	81
94) Indeno(1,2,3-cd)pyrene	27.380	276	117533	1.751	ng/u1#	95
96) Benzo(g,h,i)perylene	28.374	276	103547m	1.912	ng/u1	

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

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