

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031635.D
 Acq On : 23 May 2024 16:56
 Operator : MA/JU
 Sample : P2547-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

Quant Time: May 23 23:19:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	455978	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2010014	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1187256	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	2113627	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1274656	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1447481	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	39245	3.411	ng/uL	0.00
4) Pyridine-d5	3.599	84	545716	16.999	ng/u1	0.00
7) Phenol-d5	6.852	99	767476	20.447	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	472492	20.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	581880	20.118	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	553979	19.065	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	282884	18.596	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	258799	17.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	542227	19.091	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	804063	19.639	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1687812	22.558	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	1976143	21.073	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	202474	14.302	ng/u1	0.00
60) Fluorene-d10	15.322	176	1463131	22.565	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	113164	12.384	ng/u1	0.00
73) Anthracene-d10	17.169	188	1997526	22.325	ng/u1	0.00
81) Pyrene-d10	19.469	212	1829059	22.877	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1562348	22.930	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.522	128	737630	7.131	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	206243	3.047	ng/u1	99
37) 1-Methylnaphthalene	12.357	142	162516	2.425	ng/u1	96
52) Acenaphthene	14.392	153	1011855	14.426	ng/u1	96
56) Dibenzofuran	14.728	168	881116	9.410	ng/u1	94
61) Fluorene	15.375	166	911655	12.430	ng/u1	99
72) Phenanthrene	17.122	178	11070957	103.210	ng/u1	99
74) Anthracene	17.204	178	2953854	27.447	ng/u1	99
77) Carbazole	17.475	167	1350942	14.710	ng/u1	99
80) Fluoranthene	19.133	202	10432134	105.560	ng/u1	98
82) Pyrene	19.498	202	8715258	85.992	ng/u1	97
85) Benzo(a)anthracene	21.286	228	3841686	44.819	ng/u1	98
87) Chrysene	21.345	228	3399846	42.940	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	4060055	48.066	ng/u1	98
91) Benzo(k)fluoranthene	23.368	252	1566033	18.188	ng/u1	98
93) Benzo(a)pyrene	24.104	252	3250807	40.064	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.533	276	2155336m	22.133	ng/u1	
95) Dibenzo(a,h)anthracene	27.580	278	506922m	6.321	ng/u1	
96) Benzo(g,h,i)perylene	28.562	276	2036297	25.309	ng/u1	96

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

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