

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031730.D
 Acq On : 31 May 2024 00:13
 Operator : MA/JU
 Sample : P2549-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH630

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 00:48:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	494301	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2207288	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1429413	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2964377	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1956531	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1753566	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	57658	4.826	ng/uL	0.00
4) Pyridine-d5	3.593	84	611233	18.173	ng/u1	0.00
7) Phenol-d5	6.852	99	1147917	27.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	652677	26.332	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	902379	27.909	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	875704	25.352	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	479273	28.398	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	523429	30.024	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	908012	27.899	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	946481	19.586	ng/u1	0.00
46) Dimethylphthalate-d6	13.739	166	2968676	29.812	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3367724	29.412	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	543876	27.278	ng/u1	0.00
60) Fluorene-d10	15.322	176	2503264	29.710	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	362365	24.319	ng/u1	0.00
73) Anthracene-d10	17.175	188	3757933	29.611	ng/u1	0.00
81) Pyrene-d10	19.469	212	4055124	38.731	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2592275	30.959	ng/u1	0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.045	152	195423	1.510	ng/u1	97
72) Phenanthrene	17.116	178	1487425	9.850	ng/u1	98
74) Anthracene	17.204	178	251189	1.642	ng/u1	98
80) Fluoranthene	19.139	202	3627791	28.993	ng/u1	98
82) Pyrene	19.498	202	3415996	26.609	ng/u1	99
83) Butylbenzylphthalate	20.410	149	73541	1.213	ng/u1	86
85) Benzo(a)anthracene	21.292	228	1566805	11.964	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	312539	3.536	ng/u1	100
87) Chrysene	21.351	228	1635237	13.368	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	1828620	17.446	ng/u1	96
91) Benzo(k)fluoranthene	23.380	252	612111m	5.951	ng/u1	
93) Benzo(a)pyrene	24.109	252	1224723	12.476	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.562	276	843560m	7.457	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	221265m	2.396	ng/u1	
96) Benzo(g,h,i)perylene	28.592	276	819170	9.110	ng/u1	96

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

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