

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
 Data File : BN031724.D
 Acq On : 30 May 2024 20:17
 Operator : MA/JU
 Sample : P2569-21DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH6A7DL

Manual Integrations
 APPROVED

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

Quant Time: May 30 23:41:35 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	470907	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2241835	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1527158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	3170060	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	2495628	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	2127122	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13664	1.200	ng/uL	0.00
4) Pyridine-d5	3.599	84	152640	4.764	ng/u1	0.00
7) Phenol-d5	6.852	99	271965	6.737	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	163255	6.914	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	215977	7.012	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	217740	6.617	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	113940	6.647	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	115250	6.509	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	229847	6.953	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	247888	5.051	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	850543	7.995	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	927135	7.579	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	108110	5.075	ng/u1	0.00
60) Fluorene-d10	15.322	176	757688	8.417	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	84195	5.284	ng/u1	0.00
73) Anthracene-d10	17.175	188	1157308	8.527	ng/u1	0.00
81) Pyrene-d10	19.475	212	1412793	10.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	948284	9.336	ng/u1	0.00
Target Compounds	Qvalue					
50) Acenaphthylene	14.045	152	272695	1.972	ng/u1	98
52) Acenaphthene	14.392	153	100563	1.099	ng/u1	98
56) Dibenzofuran	14.728	168	207489	1.669	ng/u1	97
61) Fluorene	15.375	166	231023	2.308	ng/u1	99
72) Phenanthrene	17.116	178	5757613	35.654	ng/u1	99
74) Anthracene	17.204	178	1146885	7.009	ng/u1	99
80) Fluoranthene	19.139	202	7842171	49.136	ng/u1	100
82) Pyrene	19.504	202	6999841	42.747	ng/u1	98
85) Benzo(a)anthracene	21.292	228	3378128	20.223	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	295371	2.620	ng/u1	97
87) Chrysene	21.351	228	2977939	19.086	ng/u1	95
90) Benzo(b)fluoranthene	23.327	252	2655378	20.885	ng/u1	98
91) Benzo(k)fluoranthene	23.380	252	997917	7.999	ng/u1	99
93) Benzo(a)pyrene	24.115	252	1810378	15.203	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.556	276	945595m	6.891	ng/u1	
95) Dibenzo(a,h)anthracene	27.592	278	264280m	2.359	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	798952m	7.324	ng/u1	

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

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