

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031662.D
 Acq On : 24 May 2024 15:39
 Operator : MA/JU
 Sample : P2548-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/25/2024
 Supervised By :mohammad ahmed 05/27/2024

Quant Time: May 24 23:20:49 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	7.687	152	488811	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1984259	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1008998	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1571153	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1236131	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1557506	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	23951	1.942	ng/uL	0.00
4) Pyridine-d5	3.605	84	201593	5.858	ng/u1	0.00
7) Phenol-d5	6.852	99	457754	11.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	286218	11.860	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	374603	12.082	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	293915	9.435	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	175931	11.715	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	162635	11.341	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	311611	11.114	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	240302	5.945	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	817461	12.856	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1012476	12.704	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	71345	5.930	ng/u1	0.00
60) Fluorene-d10	15.322	176	653633	11.861	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	32899	4.843	ng/u1	0.00
73) Anthracene-d10	17.169	188	834428	12.546	ng/u1	0.00
81) Pyrene-d10	19.469	212	881165	11.365	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	940310	12.826	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.522	128	548767	5.374	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	152353	2.280	ng/u1	100
37) 1-Methylnaphthalene	12.357	142	107413	1.624	ng/u1#	96
50) Acenaphthylene	14.046	152	138209	1.502	ng/u1	98
52) Acenaphthene	14.387	153	490272	8.225	ng/u1	91
56) Dibenzofuran	14.728	168	436548	5.486	ng/u1	96
61) Fluorene	15.375	166	476689	7.647	ng/u1	97
72) Phenanthrene	17.116	178	6952003	87.188	ng/u1	99
74) Anthracene	17.204	178	1432034	17.901	ng/u1	99
77) Carbazole	17.475	167	969317	14.199	ng/u1	100
80) Fluoranthene	19.133	202	8491652	88.602	ng/u1	99
82) Pyrene	19.498	202	7190074	73.154	ng/u1	97
83) Butylbenzylphthalate	20.404	149	129551	3.884	ng/u1	95
85) Benzo(a)anthracene	21.292	228	4192613	50.438	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	93156	2.040	ng/u1	99
87) Chrysene	21.351	228	4261145	55.496	ng/u1	97
90) Benzo(b)fluoranthene	23.316	252	6222976	68.468	ng/u1	98
91) Benzo(k)fluoranthene	23.374	252	1323460	14.285	ng/u1	96
93) Benzo(a)pyrene	24.110	252	3972718	45.503	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	2721818	25.976	ng/u1	98
95) Dibenzo(a,h)anthracene	27.592	278	738021m	8.553	ng/u1	
96) Benzo(g,h,i)perylene	28.586	276	2536634	29.301	ng/u1	98

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

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

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