

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031666.D
 Acq On : 24 May 2024 18:18
 Operator : MA/JU
 Sample : P2548-02DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X9DL

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:34:48 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	495099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	1943006	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	954642	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1518680	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1316633	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1596605	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	13812	1.106	ng/uL	0.00
4) Pyridine-d5	3.611	84	100100	2.872	ng/u1	0.00
7) Phenol-d5	6.852	99	229907	5.641	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	149516	6.117	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	189723	6.041	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	145886	4.624	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	86000	5.848	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	76304	5.434	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	149783	5.455	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	110823	2.800	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	395164	6.568	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	477859	6.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	29284	2.573	ng/u1	0.00
60) Fluorene-d10	15.322	176	325161	6.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	15551	2.368	ng/u1	0.00
73) Anthracene-d10	17.169	188	419703	6.528	ng/u1	0.00
81) Pyrene-d10	19.463	212	465436	5.636	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	500398	6.658	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.522	128	274365	2.744	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	75060	1.147	ng/u1	96
52) Acenaphthene	14.387	153	238973	4.237	ng/u1	92
56) Dibenzofuran	14.728	168	221074	2.936	ng/u1	99
61) Fluorene	15.375	166	231004	3.917	ng/u1	99
72) Phenanthrene	17.116	178	3704695	48.067	ng/u1	99
74) Anthracene	17.204	178	735309	9.509	ng/u1	97
77) Carbazole	17.475	167	490726	7.437	ng/u1	99
80) Fluoranthene	19.134	202	4800964	47.031	ng/u1	99
82) Pyrene	19.498	202	4046708	38.655	ng/u1	100
83) Butylbenzylphthalate	20.404	149	66684	1.877	ng/u1	100
85) Benzo(a)anthracene	21.286	228	2287628	25.838	ng/u1	99
87) Chrysene	21.345	228	2259434	27.627	ng/u1	96
90) Benzo(b)fluoranthene	23.310	252	3187334	34.209	ng/u1	97
91) Benzo(k)fluoranthene	23.363	252	947228m	9.973	ng/u1	
93) Benzo(a)pyrene	24.104	252	2118980	23.676	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.533	276	1428778	13.302	ng/u1	97
95) Dibenzo(a,h)anthracene	27.592	278	375195	4.242	ng/u1	97
96) Benzo(g,h,i)perylene	28.568	276	1326546m	14.948	ng/u1	

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

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