

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
 Data File : BN032236.D
 Acq On : 25 Jun 2024 10:43
 Operator : MA/JU
 Sample : P2844-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C69

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :Jagrut Upadhyay 06/26/2024

Quant Time: Jun 25 11:32:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 10:49:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	304340	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	1230549	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.275	164	747131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1491150	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	1297975	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1595526	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	28697	3.901	ng/uL	0.00
4) Pyridine-d5	3.587	84	36605	1.768	ng/u1	0.02
7) Phenol-d5	6.816	99	601184	23.042	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	318313	20.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	538893	27.070	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	462959	21.768	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	259927	27.626	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	283807	29.201	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	486219	26.797	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	48299	1.793	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	1407129	27.034	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1673184	27.957	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.516	143	233415	22.397	ng/u1	0.01
60) Fluorene-d10	15.269	176	1215020	27.589	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	120384	16.061	ng/u1	0.00
73) Anthracene-d10	17.127	188	1839725	28.818	ng/u1	0.00
81) Pyrene-d10	19.427	212	1803160	25.961	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1559029	20.463	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.845	94	27358	1.030	ng/u1#	88
16) Acetophenone	8.451	105	74351	2.307	ng/u1	99
30) Naphthalene	10.457	128	77380	1.215	ng/u1	99
50) Acenaphthylene	13.992	152	214467	3.171	ng/u1	98
52) Acenaphthene	14.339	153	93850	2.097	ng/u1	99
56) Dibenzofuran	14.674	168	89745	1.476	ng/u1	98
61) Fluorene	15.327	166	117964	2.409	ng/u1	96
72) Phenanthrene	17.068	178	2416398	31.811	ng/u1	99
74) Anthracene	17.157	178	544998	7.081	ng/u1	98
77) Carbazole	17.439	167	291598	4.443	ng/u1	100
78) Di-n-butylphthalate	17.998	149	104186	1.154	ng/u1	98
80) Fluoranthene	19.098	202	4669900	56.258	ng/u1	95
82) Pyrene	19.462	202	3624084	42.553	ng/u1	93
83) Butylbenzylphthalate	20.362	149	147334	3.663	ng/u1	95
85) Benzo(a)anthracene	21.251	228	2256038	25.968	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.168	149	770897	13.147	ng/u1	98
87) Chrysene	21.309	228	2470089	30.438	ng/u1	97
89) Di-n-octyl phthalate	22.274	149	142731	1.336	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	3847745	40.346	ng/u1	98
91) Benzo(k)fluoranthene	23.321	252	852663m	9.111	ng/u1	
93) Benzo(a)pyrene	24.050	252	1509769	16.903	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.486	276	1476468	14.345	ng/u1	99
95) Dibenzo(a,h)anthracene	27.515	278	469054	5.582	ng/u1#	89
96) Benzo(g,h,i)perylene	28.503	276	206976	2.530	ng/u1#	94

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

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