

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032095.D
 Acq On : 20 Jun 2024 10:55
 Operator : MA/JU
 Sample : P2710-19
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DG6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 11:41:17 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	7.634	152	243145	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	1116917	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	754059	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.034	188	1590184	20.000	ng/u1	0.00
79) Chrysene-d12	21.280	240	1055067	20.000	ng/u1	0.01
88) Perylene-d12	24.186	264	1108806	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	22438	3.818	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.816	99	654795	31.414	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	357279	29.303	ng/u1	0.00
11) 2-Chlorophenol-d4	7.175	132	526988	33.134	ng/u1	0.00
15) 4-Methylphenol-d8	8.363	113	558337	32.860	ng/u1	0.02
21) Nitrobenzene-d5	8.799	128	283781	33.230	ng/u1	0.00
24) 2-Nitrophenol-d4	9.516	143	291114	33.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	639081	38.805	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	614152	25.116	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	1974180	37.580	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	2151056	35.611	ng/u1	0.00
54) 4-Nitrophenol-d4	14.516	143	328719	31.253	ng/u1	0.01
60) Fluorene-d10	15.281	176	1684922	37.907	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	249374	31.199	ng/u1	0.00
73) Anthracene-d10	17.134	188	2562836	37.645	ng/u1	0.00
81) Pyrene-d10	19.439	212	2745905	48.635	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	2068185	39.062	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.846	94	933567	44.008	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.081	93	3548677	202.307	ng/u1	95
12) 2-Chlorophenol	7.205	128	1818919	109.286	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.463	70	2703513	202.607	ng/u1#	96
19) Hexachloroethane	8.699	117	1049953	148.972	ng/u1	98
22) Nitrobenzene	8.840	77	902679	44.365	ng/u1	94
23) Isophorone	9.369	82	6670980	159.830	ng/u1	95
25) 2-Nitrophenol	9.546	139	593565	61.586	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.852	93	4691779	180.365	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	2130423	131.012	ng/u1	98
33) Hexachlorobutadiene	10.746	225	1680328	172.048	ng/u1	96
35) 4-Chloro-3-methylphenol	11.716	107	1006264	52.941	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	2740350	69.356	ng/u1	96
41) 2,4,6-Trichlorophenol	12.710	196	2575683	190.287	ng/u1	97
42) 2,4,5-Trichlorophenol	12.775	196	742138	50.454	ng/u1	99
48) 2,6-Dinitrotoluene	13.893	165	2704024	253.207	ng/u1	99
50) Acenaphthylene	14.004	152	1675998	24.551	ng/u1	100
52) Acenaphthene	14.357	153	5283031	116.963	ng/u1	99
55) 4-Nitrophenol	14.540	109	829087	106.259	ng/u1#	81
57) 2,4-Dinitrotoluene	14.687	165	2764923	176.451	ng/u1	92
61) Fluorene	15.351	166	6757098	136.734	ng/u1	94
62) 4-Chlorophenyl-phenyle...	15.334	204	1186241	49.560	ng/u1	92
68) 4-Bromophenyl-phenylether	16.234	248	815107	52.903	ng/u1	97
69) Hexachlorobenzene	16.351	284	3198101	183.140	ng/u1	98

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71) Pentachlorophenol	16.692	266	2296084	205.512	ng/ul	97
72) Phenanthrene	17.081	178	4151911	51.254	ng/ul	100
74) Anthracene	17.169	178	4173855	50.850	ng/ul	99
78) Di-n-butylphthalate	18.016	149	12921597	134.193	ng/ul	99
80) Fluoranthene	19.110	202	10877295	161.207	ng/ul	98
82) Pyrene	19.469	202	6280492	90.722	ng/ul	95
83) Butylbenzylphthalate	20.375	149	2093608	64.029	ng/ul	87
85) Benzo(a)anthracene	21.263	228	8932312	126.484	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	8401277	176.263	ng/ul#	100
87) Chrysene	21.327	228	10552054	159.966	ng/ul	99
90) Benzo(b)fluoranthene	23.286	252	11158300	168.361	ng/ul	99
93) Benzo(a)pyrene	24.045	252	2898995	46.703	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.521	276	2718829m	38.010	ng/ul	
95) Dibenzo(a,h)anthracene	27.527	278	5609773	96.061	ng/ul	94
96) Benzo(g,h,i)perylene	28.474	276	1944978	34.206	ng/ul	95

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

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