

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031351.D
 Acq On : 01 May 2024 15:48
 Operator : MA/JU
 Sample : P2154-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 XA393

Quant Time: May 01 16:27:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	187363	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	768211	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	466821	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	965267	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	813541	20.000	ng/u1	0.01
88) Perylene-d12	24.145	264	1042675	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	17136	4.258	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.793	99	381276	25.288	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	229671	26.017	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	314075	26.039	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	247426	19.803	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	155534	28.093	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	168935	28.352	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	345574	31.231	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	133510	8.326	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	978063	31.780	ng/u1	0.00
49) Acenaphthylene-d8	13.957	160	1060326	29.693	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	169993	30.436	ng/u1	0.00
60) Fluorene-d10	15.263	176	818097	31.129	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	130967	26.384	ng/u1	0.00
73) Anthracene-d10	17.116	188	1205805	30.269	ng/u1	0.00
81) Pyrene-d10	19.422	212	1470146	29.672	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1536533	31.831	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.816	94	1314184	85.762	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.052	93	1978529	159.497	ng/u1	99
12) 2-Chlorophenol	7.181	128	434216	34.624	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	837397	85.857	ng/u1	99
22) Nitrobenzene	8.810	77	504727	38.852	ng/u1	99
25) 2-Nitrophenol	9.516	139	692446	106.523	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	2239245	140.432	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	1477612	135.264	ng/u1	97
30) Naphthalene	10.446	128	6114928	161.981	ng/u1	99
35) 4-Chloro-3-methylphenol	11.693	107	1808304	144.119	ng/u1	96
41) 2,4,6-Trichlorophenol	12.687	196	1155259	139.470	ng/u1	100
42) 2,4,5-Trichlorophenol	12.751	196	1245327	137.854	ng/u1	95
48) 2,6-Dinitrotoluene	13.857	165	807921	131.306	ng/u1	97
50) Acenaphthylene	13.987	152	5858024	144.158	ng/u1	99
52) Acenaphthene	14.328	153	3023196	112.149	ng/u1	99
55) 4-Nitrophenol	14.510	109	923890	206.606	ng/u1	92
56) Dibenzofuran	14.663	168	3396200	92.779	ng/u1	96
59) Diethylphthalate	15.104	149	4731440	148.874	ng/u1	98
61) Fluorene	15.316	166	2120941	72.675	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.322	204	1989956	141.349	ng/u1	99
71) Pentachlorophenol	16.669	266	1035030	164.161	ng/u1	92
74) Anthracene	17.157	178	6701951	140.291	ng/u1	99
78) Di-n-butylphthalate	17.992	149	4060314	75.092	ng/u1	100
80) Fluoranthene	19.086	202	6447915	108.558	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Pyrene	19.457	202	7564285	124.840	ng/ul	97
83) Butylbenzylphthalate	20.369	149	4256125	168.131	ng/ul	97
85) Benzo(a)anthracene	21.245	228	4815201	90.694	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.169	149	5356595	160.830	ng/ul	99
87) Chrysene	21.310	228	7964771	160.112	ng/ul	97
91) Benzo(k)fluoranthene	23.298	252	4751179	76.457	ng/ul	98
93) Benzo(a)pyrene	24.010	252	2552192	45.159	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.427	276	7991933	124.805	ng/ul	98
95) Dibenzo(a,h)anthracene	27.462	278	1895135	35.627	ng/ul	98
96) Benzo(g,h,i)perylene	28.456	276	7538044	145.938	ng/ul	98

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

