

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011524\
 Data File : BN029233.D
 Acq On : 15 Jan 2024 13:04
 Operator : MA/JU
 Sample : SSTD00502
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005225

Quant Time: Jan 15 15:27:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 15 15:04:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	104899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	453672	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	304925	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	714934	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	779513	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	946619	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	4936	2.049	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.469	132	30074	4.169	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.110	128	13483	4.294	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	9825	3.856	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	27832	4.119	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.004	166	116012	4.700	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	125904	4.400	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.575	176	98775	4.613	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.428	188	163931	4.546	ng/u1	0.00
81) Pyrene-d10	19.728	212	193324	4.384	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	210049	4.206	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	4993	2.008	ng/uL	94
12) 2-Chlorophenol	7.505	128	31579	4.233	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.758	70	31502	4.107	ng/u1	97
19) Hexachloroethane	9.016	117	15108	4.513	ng/u1	91
22) Nitrobenzene	9.152	77	39770	4.598	ng/u1	98
23) Isophorone	9.675	82	85043	4.290	ng/u1	99
25) 2-Nitrophenol	9.857	139	11115	3.683	ng/u1	93
26) 2,4-Dimethylphenol	9.922	107	36951	4.306	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	49163	4.482	ng/u1	98
29) 2,4-Dichlorophenol	10.387	162	27995	4.233	ng/u1	96
30) Naphthalene	10.793	128	120272	4.665	ng/u1	99
33) Hexachlorobutadiene	11.069	225	21993	4.786	ng/u1	95
35) 4-Chloro-3-methylphenol	12.028	107	32207	3.989	ng/u1	94
36) 2-Methylnaphthalene	12.404	142	82142	4.469	ng/u1	98
37) 1-Methylnaphthalene	12.622	142	81869	4.495	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	43284	4.581	ng/u1	95
41) 2,4,6-Trichlorophenol	13.010	196	20376	3.883	ng/u1	99
42) 2,4,5-Trichlorophenol	13.081	196	23006	3.998	ng/u1	93
43) 1,1'-Biphenyl	13.422	154	113434	4.619	ng/u1	100
44) 2-Chloronaphthalene	13.457	162	87040	4.582	ng/u1	97
45) 2-Nitroaniline	13.669	65	18093	3.861	ng/u1	95
47) Dimethylphthalate	14.046	163	118217	4.697	ng/u1	99
48) 2,6-Dinitrotoluene	14.169	165	14065	3.679	ng/u1	98
50) Acenaphthylene	14.304	152	148732	4.491	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.645	153	100753	4.696	ng/ul	99
56) Dibenzofuran	14.981	168	135483	4.636	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	19293	3.467	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.204	232	18144	3.897	ng/ul	96
59) Diethylphthalate	15.416	149	121586	4.669	ng/ul	97
61) Fluorene	15.628	166	116410	4.598	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	56307	4.588	ng/ul	94
67) N-Nitrosodiphenylamine	15.845	169	96840	4.437	ng/ul	98
68) 4-Bromophenyl-phenylether	16.528	248	36679	4.589	ng/ul	95
69) Hexachlorobenzene	16.622	284	44330	4.773	ng/ul	93
72) Phenanthrene	17.375	178	190645	4.640	ng/ul	97
74) Anthracene	17.463	178	194359	4.556	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.375	216	42974	4.452	ng/uL	96
76) Pentachlorobenzene	14.887	250	44860	4.508	ng/uL	90
78) Di-n-butylphthalate	18.322	149	205509	4.287	ng/ul	99
80) Fluoranthene	19.392	202	223537	4.251	ng/ul	100
82) Pyrene	19.757	202	247748	4.484	ng/ul	98
83) Butylbenzylphthalate	20.680	149	77239	3.580	ng/ul	98
85) Benzo(a)anthracene	21.516	228	267564	4.619	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.475	149	137436	3.907	ng/ul	96
87) Chrysene	21.569	228	245677	4.651	ng/ul	98
90) Benzo(b)fluoranthene	23.204	252	270321	4.333	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	269977	4.508	ng/ul	98
93) Benzo(a)pyrene	23.833	252	253746	4.406	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.439	276	320645	4.680	ng/ul	99
95) Dibenzo(a,h)anthracene	26.468	278	270468	4.788	ng/ul	99
96) Benzo(g,h,i)perylene	27.204	276	258619	4.834	ng/ul	97

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

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