

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033845.D
 Acq On : 10 Sep 2024 17:22
 Operator : JU/RC
 Sample : SSTD00580
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD005217

Quant Time: Sep 11 01:45:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:28:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	174133	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	729528	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.140	164	477381	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	1009402	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	1020582	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	1215846	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	8145	1.908	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	7.040	132	55239	4.588	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.640	128	26038	4.690	ng/u1	0.00
24) 2-Nitrophenol-d4	9.352	143	24720	5.056	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	50161	4.609	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.563	166	170821	4.702	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	180944	4.448	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.139	176	145751	4.678	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	16.992	188	223644	4.673	ng/u1	0.00
81) Pyrene-d10	19.298	212	270223	4.795	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	283601	4.486	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.146	88	8496	1.897	ng/uL	91
12) 2-Chlorophenol	7.069	128	58660	4.670	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.299	70	45764	4.175	ng/u1	99
19) Hexachloroethane	8.557	117	25136	4.789	ng/u1	95
22) Nitrobenzene	8.681	77	67269	4.818	ng/u1	98
23) Isophorone	9.204	82	123056	4.343	ng/u1	99
25) 2-Nitrophenol	9.387	139	28107	4.926	ng/u1	98
26) 2,4-Dimethylphenol	9.457	107	63195	4.679	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.693	93	78363	4.466	ng/u1	96
29) 2,4-Dichlorophenol	9.916	162	51602	4.584	ng/u1	99
30) Naphthalene	10.310	128	196966	4.842	ng/u1	98
33) Hexachlorobutadiene	10.604	225	35637	5.064	ng/u1	95
35) 4-Chloro-3-methylphenol	11.563	107	60491	4.671	ng/u1	98
36) 2-Methylnaphthalene	11.928	142	133798	4.674	ng/u1	93
37) 1-Methylnaphthalene	12.151	142	133643	4.619	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.304	216	64706	4.734	ng/u1	97
41) 2,4,6-Trichlorophenol	12.557	196	39754	4.740	ng/u1	96
42) 2,4,5-Trichlorophenol	12.628	196	44226	4.683	ng/u1	96
43) 1,1'-Biphenyl	12.963	154	174456	4.845	ng/u1	99
44) 2-Chloronaphthalene	12.998	162	133545	4.785	ng/u1	97
45) 2-Nitroaniline	13.216	65	38068	4.747	ng/u1	97
47) Dimethylphthalate	13.610	163	173751	4.764	ng/u1	100
48) 2,6-Dinitrotoluene	13.722	165	29080	4.387	ng/u1	93
50) Acenaphthylene	13.857	152	204853	4.612	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.204	153	149066	4.749	ng/ul	94
56) Dibenzofuran	14.545	168	207798	4.742	ng/ul	99
57) 2,4-Dinitrotoluene	14.516	165	44073	4.425	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.775	232	36273	4.726	ng/ul	94
59) Diethylphthalate	14.992	149	178052	4.680	ng/ul	99
61) Fluorene	15.198	166	170471	4.726	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.198	204	82809	4.785	ng/ul	95
67) N-Nitrosodiphenylamine	15.416	169	145387	4.790	ng/ul	98
68) 4-Bromophenyl-phenylether	16.098	248	47587	4.619	ng/ul	96
69) Hexachlorobenzene	16.198	284	56693	4.806	ng/ul	96
72) Phenanthrene	16.934	178	268908	4.764	ng/ul	100
74) Anthracene	17.028	178	274699	4.777	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	66664	4.898	ng/uL	97
76) Pentachlorobenzene	14.463	250	70153	5.009	ng/uL	97
78) Di-n-butylphthalate	17.886	149	310544	4.690	ng/ul	100
80) Fluoranthene	18.963	202	314136	4.767	ng/ul	99
82) Pyrene	19.328	202	346279	4.848	ng/ul	96
83) Butylbenzylphthalate	20.263	149	143783	5.024	ng/ul	99
85) Benzo(a)anthracene	21.116	228	349321	4.757	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.074	149	204817	4.411	ng/ul	98
87) Chrysene	21.169	228	340968	4.937	ng/ul	98
90) Benzo(b)fluoranthene	23.039	252	350930	4.643	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	343219	4.574	ng/ul	98
93) Benzo(a)pyrene	23.780	252	320289	4.471	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.998	276	399206	4.491	ng/ul	99
95) Dibenzo(a,h)anthracene	27.051	278	323805	4.448	ng/ul	96
96) Benzo(g,h,i)perylene	27.956	276	305233	4.468	ng/ul	99

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

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