

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029727.D
 Acq On : 13 Feb 2024 09:57
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020304

Quant Time: Feb 13 10:25:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	231583	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.669	136	984044	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.510	164	497827	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.269	188	894504	20.000	ng/u1	-0.01
79) Chrysene-d12	21.468	240	705723	20.000	ng/u1	-0.01
88) Perylene-d12	23.839	264	807731	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	50823	7.218	ng/uL	0.00
4) Pyridine-d5	3.728	84	348401	18.555	ng/u1	-0.01
7) Phenol-d5	7.034	99	400079	18.470	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.210	67	274319	18.975	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.399	132	310288	19.768	ng/u1	-0.02
15) 4-Methylphenol-d8	8.581	113	300443	18.598	ng/u1	-0.02
21) Nitrobenzene-d5	9.040	128	143816	18.830	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.751	143	132061	19.854	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.287	165	257613	19.621	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.816	131	391687	17.487	ng/u1	-0.02
46) Dimethylphthalate-d6	13.934	166	673320	18.167	ng/u1	-0.02
49) Acenaphthylene-d8	14.204	160	821112	18.655	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.722	143	99315	14.118	ng/u1	-0.01
60) Fluorene-d10	15.510	176	569432	18.060	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.633	200	70787	16.241	ng/u1	-0.01
73) Anthracene-d10	17.369	188	776390	18.520	ng/u1	-0.01
81) Pyrene-d10	19.669	212	787297	18.590	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	753156	18.634	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	53024	7.271	ng/uL	99
5) Pyridine	3.752	79	364504	18.764	ng/u1	99
6) Benzaldehyde	7.016	77	238311	24.543	ng/u1	97
8) Phenol	7.063	94	415518	18.717	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.304	93	348584	18.673	ng/u1	97
12) 2-Chlorophenol	7.428	128	327598	19.892	ng/u1	99
13) 2-Methylphenol	8.316	108	298039	18.604	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	477408	19.581	ng/u1	99
16) Acetophenone	8.698	105	499095	19.412	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	270470	20.376	ng/u1	96
18) 4-Methylphenol	8.646	108	320708	18.945	ng/u1	98
19) Hexachloroethane	8.940	117	145257	19.007	ng/u1	97
22) Nitrobenzene	9.081	77	410635	18.976	ng/u1	98
23) Isophorone	9.604	82	695515	18.452	ng/u1	99
25) 2-Nitrophenol	9.787	139	153014	20.145	ng/u1	99
26) 2,4-Dimethylphenol	9.845	107	340915	18.727	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.093	93	442455	18.470	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	261370	19.266	ng/u1	97
30) Naphthalene	10.716	128	1032651	18.359	ng/u1	99
32) 4-Chloroaniline	10.840	127	392218	17.738	ng/u1	98
33) Hexachlorobutadiene	10.992	225	160836	19.209	ng/u1	97
34) Caprolactam	11.610	113	66756	14.787	ng/u1	94
35) 4-Chloro-3-methylphenol	11.963	107	288296	18.398	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	637189	18.480	ng/u1	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	638434	18.677	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.698	216	291043	19.723	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	158420	16.424	ng/ul	94
41) 2,4,6-Trichlorophenol	12.945	196	169608	19.941	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	183444	19.195	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	783767	18.668	ng/ul	98
44) 2-Chloronaphthalene	13.386	162	613229	18.794	ng/ul	99
45) 2-Nitroaniline	13.604	65	176716	18.421	ng/ul	96
47) Dimethylphthalate	13.986	163	695638	18.335	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	124193	18.293	ng/ul	92
50) Acenaphthylene	14.233	152	991216	18.764	ng/ul	98
51) 3-Nitroaniline	14.433	138	129099	16.339	ng/ul	100
52) Acenaphthene	14.581	153	654055	18.743	ng/ul	95
53) 2,4-Dinitrophenol	14.639	184	45397	13.176	ng/ul	97
55) 4-Nitrophenol	14.733	109	94202	14.645	ng/ul	96
56) Dibenzofuran	14.916	168	839524	18.219	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	171717	17.965	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.139	232	132533	19.540	ng/ul	99
59) Diethylphthalate	15.351	149	693084	17.784	ng/ul	99
61) Fluorene	15.563	166	674875	18.529	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.563	204	312954	19.210	ng/ul	93
63) 4-Nitroaniline	15.592	138	118149	16.567	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.651	198	82168	17.100	ng/ul	96
67) N-Nitrosodiphenylamine	15.780	169	531100	19.053	ng/ul	97
68) 4-Bromophenyl-phenylether	16.463	248	172730	20.402	ng/ul	85
69) Hexachlorobenzene	16.563	284	192653	20.188	ng/ul	96
70) Atrazine	16.745	200	153300	17.603	ng/ul	98
71) Pentachlorophenol	16.910	266	97547	17.601	ng/ul	93
72) Phenanthrene	17.310	178	954751	18.452	ng/ul	99
74) Anthracene	17.398	178	969337	18.666	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	268161	20.429	ng/uL	94
76) Pentachlorobenzene	14.828	250	246769	20.995	ng/uL	99
77) Carbazole	17.674	167	824007	17.373	ng/ul	99
78) Di-n-butylphthalate	18.257	149	973902	17.075	ng/ul	99
80) Fluoranthene	19.333	202	959860	18.658	ng/ul	99
82) Pyrene	19.692	202	1004457	18.456	ng/ul	99
83) Butylbenzylphthalate	20.616	149	366348	16.517	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	221946	16.237	ng/ul	93
85) Benzo(a)anthracene	21.451	228	933792	18.012	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.404	149	546793	15.937	ng/ul	99
87) Chrysene	21.504	228	871765	17.943	ng/ul	97
89) Di-n-octyl phthalate	22.333	149	894629	14.289	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	938638	18.449	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	967436	18.578	ng/ul	98
93) Benzo(a)pyrene	23.739	252	898681	18.419	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.298	276	1144039	19.256	ng/ul	100
95) Dibenzo(a,h)anthracene	26.315	278	922197	19.013	ng/ul	96
96) Benzo(g,h,i)perylene	27.045	276	927662	18.668	ng/ul	96

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

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