

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
 Data File : BN029845.D
 Acq On : 19 Feb 2024 11:13
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020313

Quant Time: Feb 19 11:39:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	184099	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	759944	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	400486	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	790091	20.000	ng/u1	-0.01
79) Chrysene-d12	21.463	240	684188	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	768342	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	40741	7.279	ng/uL	0.00
4) Pyridine-d5	3.734	84	247141	16.557	ng/u1	0.00
7) Phenol-d5	7.034	99	325746	18.917	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	219569	19.106	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	257010	20.597	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	246266	19.176	ng/u1	-0.01
21) Nitrobenzene-d5	9.034	128	120177	20.375	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	113158	22.029	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	217845	21.485	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	292969	16.937	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	605023	20.292	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	708083	19.997	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	87919	15.536	ng/u1	0.00
60) Fluorene-d10	15.504	176	511739	20.175	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	70328	18.268	ng/u1	0.00
73) Anthracene-d10	17.357	188	753272	20.343	ng/u1	0.00
81) Pyrene-d10	19.657	212	796813	19.407	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.674	264	764569	19.886	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	42668	7.360	ng/uL	93
5) Pyridine	3.752	79	263029	17.033	ng/u1	98
6) Benzaldehyde	7.010	77	186169	24.119	ng/u1	97
8) Phenol	7.058	94	332839	18.860	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	278871	18.792	ng/u1	98
12) 2-Chlorophenol	7.428	128	266759	20.376	ng/u1	98
13) 2-Methylphenol	8.310	108	241144	18.935	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	362668	18.712	ng/u1	98
16) Acetophenone	8.693	105	402501	19.693	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.681	70	217902	20.650	ng/u1	98
18) 4-Methylphenol	8.640	108	260663	19.370	ng/u1	98
19) Hexachloroethane	8.934	117	119089	19.602	ng/u1	96
22) Nitrobenzene	9.075	77	334383	20.009	ng/u1	99
23) Isophorone	9.599	82	564994	19.409	ng/u1	99
25) 2-Nitrophenol	9.781	139	126566	21.576	ng/u1	97
26) 2,4-Dimethylphenol	9.840	107	279827	19.904	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.087	93	353967	19.134	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	219718	20.971	ng/u1	98
30) Naphthalene	10.710	128	835574	19.236	ng/u1	100
32) 4-Chloroaniline	10.834	127	297909	17.446	ng/u1	96
33) Hexachlorobutadiene	10.987	225	137733	21.301	ng/u1	94
34) Caprolactam	11.610	113	59660	17.113	ng/u1	95
35) 4-Chloro-3-methylphenol	11.957	107	246219	20.346	ng/u1	97
36) 2-Methylnaphthalene	12.328	142	532557	20.000	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	517087	19.588	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	246418	20.758	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	109592	14.124	ng/ul	98
41) 2,4,6-Trichlorophenol	12.940	196	152479	22.285	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	164069	21.340	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	670411	19.849	ng/ul	96
44) 2-Chloronaphthalene	13.381	162	526760	20.067	ng/ul	97
45) 2-Nitroaniline	13.598	65	156441	20.271	ng/ul	96
47) Dimethylphthalate	13.981	163	617412	20.229	ng/ul	98
48) 2,6-Dinitrotoluene	14.104	165	114266	20.922	ng/ul	97
50) Acenaphthylene	14.228	152	850342	20.010	ng/ul	100
51) 3-Nitroaniline	14.428	138	111666	17.567	ng/ul	92
52) Acenaphthene	14.569	153	553251	19.708	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	40717	14.691	ng/ul	97
55) 4-Nitrophenol	14.734	109	83909	16.215	ng/ul	99
56) Dibenzofuran	14.910	168	743805	20.065	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	163911	21.317	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.134	232	125945	23.082	ng/ul	98
59) Diethylphthalate	15.345	149	641174	20.451	ng/ul	99
61) Fluorene	15.557	166	591886	20.200	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.557	204	284880	21.737	ng/ul	94
63) 4-Nitroaniline	15.586	138	117346	20.454	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.645	198	79172	18.654	ng/ul	98
67) N-Nitrosodiphenylamine	15.775	169	480628	19.521	ng/ul	97
68) 4-Bromophenyl-phenylether	16.457	248	160205	21.423	ng/ul	92
69) Hexachlorobenzene	16.557	284	188774	22.395	ng/ul	93
70) Atrazine	16.739	200	152901	19.877	ng/ul	97
71) Pentachlorophenol	16.904	266	100922	20.617	ng/ul	95
72) Phenanthrene	17.304	178	900849	19.711	ng/ul	100
74) Anthracene	17.392	178	892608	19.460	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.298	216	235295	20.295	ng/uL	97
76) Pentachlorobenzene	14.822	250	217500	20.951	ng/uL	96
77) Carbazole	17.669	167	796571	19.014	ng/ul	98
78) Di-n-butylphthalate	18.245	149	1049439	20.831	ng/ul	99
80) Fluoranthene	19.327	202	967128	19.391	ng/ul	96
82) Pyrene	19.686	202	1012906	19.197	ng/ul	96
83) Butylbenzylphthalate	20.610	149	439476	20.437	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.386	252	190068	14.342	ng/ul	99
85) Benzo(a)anthracene	21.445	228	1001959	19.935	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	686012	20.624	ng/ul	99
87) Chrysene	21.498	228	946800	20.101	ng/ul	97
89) Di-n-octyl phthalate	22.321	149	1152889	19.357	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	981117	20.273	ng/ul	96
91) Benzo(k)fluoranthene	23.157	252	978505	19.754	ng/ul	98
93) Benzo(a)pyrene	23.715	252	912383	19.659	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.274	276	1020285	18.053	ng/ul	96
95) Dibenzo(a,h)anthracene	26.292	278	806471	17.479	ng/ul	94
96) Benzo(g,h,i)perylene	27.021	276	863407	18.266	ng/ul	93

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

