

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021924\
 Data File : BN029869.D
 Acq On : 20 Feb 2024 07:39
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020315

Quant Time: Feb 20 14:45:02 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	7.857	152	179522	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.657	136	741976	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.504	164	395040	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.257	188	798825	20.000	ng/u1	-0.01
79) Chrysene-d12	21.457	240	698051	20.000	ng/u1	-0.01
88) Perylene-d12	23.821	264	793690	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	40323	7.388	ng/uL	0.00
4) Pyridine-d5	3.728	84	264441	18.168	ng/u1	0.00
7) Phenol-d5	7.028	99	324852	19.346	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.205	67	211692	18.890	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.387	132	252971	20.790	ng/u1	-0.01
15) 4-Methylphenol-d8	8.575	113	247740	19.783	ng/u1	-0.01
21) Nitrobenzene-d5	9.028	128	118776	20.626	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.746	143	113487	22.628	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	215118	21.730	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.804	131	312755	18.518	ng/u1	-0.01
46) Dimethylphthalate-d6	13.928	166	597677	20.321	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	708760	20.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	102746	18.406	ng/u1	0.00
60) Fluorene-d10	15.498	176	516765	20.654	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	72381	18.596	ng/u1	0.00
73) Anthracene-d10	17.357	188	780777	20.855	ng/u1	0.00
81) Pyrene-d10	19.657	212	847042	20.220	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	800847	20.165	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	41868	7.406	ng/uL	95
5) Pyridine	3.746	79	270763	17.981	ng/u1	100
6) Benzaldehyde	7.010	77	187992	24.976	ng/u1	99
8) Phenol	7.058	94	336313	19.542	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.299	93	274803	18.990	ng/u1	98
12) 2-Chlorophenol	7.422	128	266306	20.860	ng/u1	98
13) 2-Methylphenol	8.305	108	241451	19.443	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	357934	18.939	ng/u1	98
16) Acetophenone	8.693	105	394269	19.782	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	210545	20.461	ng/u1	97
18) 4-Methylphenol	8.640	108	259086	19.743	ng/u1	100
19) Hexachloroethane	8.928	117	113683	19.189	ng/u1	96
22) Nitrobenzene	9.069	77	322777	19.782	ng/u1	97
23) Isophorone	9.593	82	552730	19.448	ng/u1	99
25) 2-Nitrophenol	9.781	139	128322	22.405	ng/u1	99
26) 2,4-Dimethylphenol	9.840	107	272580	19.859	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	345847	19.148	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	212101	20.735	ng/u1	99
30) Naphthalene	10.710	128	835808	19.708	ng/u1	99
32) 4-Chloroaniline	10.828	127	315650	18.933	ng/u1	97
33) Hexachlorobutadiene	10.981	225	130856	20.728	ng/u1	99
34) Caprolactam	11.610	113	63356	18.613	ng/u1	96
35) 4-Chloro-3-methylphenol	11.951	107	244541	20.697	ng/u1	98
36) 2-Methylnaphthalene	12.322	142	526395	20.248	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	517397	20.074	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	238955	20.407	ng/ul	95
40) Hexachlorocyclopentadiene	12.657	237	120800	15.783	ng/ul	97
41) 2,4,6-Trichlorophenol	12.934	196	152786	22.637	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	159969	21.094	ng/ul	99
43) 1,1'-Biphenyl	13.340	154	660116	19.814	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	521355	20.135	ng/ul	98
45) 2-Nitroaniline	13.592	65	161304	21.189	ng/ul	99
47) Dimethylphthalate	13.975	163	609954	20.260	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	115218	21.387	ng/ul	96
50) Acenaphthylene	14.228	152	840523	20.052	ng/ul	99
51) 3-Nitroaniline	14.428	138	123690	19.727	ng/ul	96
52) Acenaphthene	14.569	153	550671	19.887	ng/ul	96
53) 2,4-Dinitrophenol	14.634	184	44698	16.349	ng/ul	99
55) 4-Nitrophenol	14.728	109	96399	18.886	ng/ul	99
56) Dibenzofuran	14.904	168	730091	19.967	ng/ul	97
57) 2,4-Dinitrotoluene	14.881	165	168107	22.164	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.128	232	128776	23.926	ng/ul	96
59) Diethylphthalate	15.345	149	627947	20.305	ng/ul	100
61) Fluorene	15.557	166	605371	20.945	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.557	204	272162	21.053	ng/ul	95
63) 4-Nitroaniline	15.587	138	124332	21.971	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.639	198	80025	18.649	ng/ul	99
67) N-Nitrosodiphenylamine	15.775	169	497288	19.977	ng/ul	94
68) 4-Bromophenyl-phenylether	16.451	248	158507	20.964	ng/ul	91
69) Hexachlorobenzene	16.551	284	188707	22.143	ng/ul	91
70) Atrazine	16.733	200	157540	20.257	ng/ul	97
71) Pentachlorophenol	16.904	266	105089	21.233	ng/ul	97
72) Phenanthrene	17.298	178	910192	19.697	ng/ul	98
74) Anthracene	17.392	178	944642	20.370	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.298	216	230674	19.678	ng/uL	99
76) Pentachlorobenzene	14.816	250	220625	21.019	ng/uL	100
77) Carbazole	17.669	167	851643	20.106	ng/ul	100
78) Di-n-butylphthalate	18.245	149	1062442	20.859	ng/ul	99
80) Fluoranthene	19.322	202	1032162	20.284	ng/ul	99
82) Pyrene	19.686	202	1077420	20.014	ng/ul	96
83) Butylbenzylphthalate	20.604	149	471752	21.502	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.386	252	245578	18.163	ng/ul	94
85) Benzo(a)anthracene	21.445	228	1066007	20.788	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	750443	22.113	ng/ul	99
87) Chrysene	21.492	228	969512	20.174	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	1240367	20.161	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1000244	20.008	ng/ul	97
91) Benzo(k)fluoranthene	23.151	252	997026	19.485	ng/ul	99
93) Benzo(a)pyrene	23.715	252	937534	19.555	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	1080801	18.513	ng/ul	92
95) Dibenzo(a,h)anthracene	26.286	278	930122	19.515	ng/ul	95
96) Benzo(g,h,i)perylene	27.009	276	876022	17.941	ng/ul	96

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

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