

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030668.D
 Acq On : 05 Apr 2024 11:05
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020341

Quant Time: Apr 05 12:16:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	169703	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	815701	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	594724	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1338610	20.000	ng/u1	0.00
79) Chrysene-d12	21.322	240	1346833	20.000	ng/u1	0.00
88) Perylene-d12	24.268	264	1586635	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	29738	8.216	ng/uL	0.00
4) Pyridine-d5	3.599	84	218194	20.106	ng/u1	0.00
7) Phenol-d5	6.858	99	277661	20.226	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	172884	20.389	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.222	132	227095	21.806	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	240733	20.923	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	125207	22.127	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	132487	25.594	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	240689	21.239	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	382562	20.505	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	868519	21.873	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	956826	20.958	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	171575	22.590	ng/u1	0.00
60) Fluorene-d10	15.328	176	725614	20.883	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	134387	22.745	ng/u1	0.00
73) Anthracene-d10	17.181	188	1177290	20.412	ng/u1	0.00
81) Pyrene-d10	19.480	212	1385492	19.134	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	1547703	21.170	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	31859	8.217	ng/uL	93
5) Pyridine	3.617	79	220353	20.122	ng/u1	97
6) Benzaldehyde	6.840	77	162927	25.485	ng/u1	97
8) Phenol	6.887	94	287853	20.128	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	242039	20.754	ng/u1	99
12) 2-Chlorophenol	7.258	128	235248	21.058	ng/u1	96
13) 2-Methylphenol	8.134	108	231111	20.971	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.210	45	321233	19.562	ng/u1	99
16) Acetophenone	8.510	105	395236	21.757	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	204692	22.372	ng/u1	97
18) 4-Methylphenol	8.457	108	255247	20.690	ng/u1	99
19) Hexachloroethane	8.763	117	99390	21.220	ng/u1	95
22) Nitrobenzene	8.887	77	284790	20.617	ng/u1	99
23) Isophorone	9.410	82	611168	22.186	ng/u1	99
25) 2-Nitrophenol	9.593	139	146278	24.044	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	283000	20.930	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.899	93	362510	20.698	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	243989	21.093	ng/u1	99
30) Naphthalene	10.528	128	852207	20.370	ng/u1	99
32) 4-Chloroaniline	10.640	127	374349	20.820	ng/u1	98
33) Hexachlorobutadiene	10.804	225	149444	20.526	ng/u1	96
34) Caprolactam	11.410	113	103283	23.901	ng/u1	94
35) 4-Chloro-3-methylphenol	11.763	107	290342	22.286	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	611294	20.923	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	619809	20.898	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.510	216	308912	20.127	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	165466	18.984	ng/ul	100
41) 2,4,6-Trichlorophenol	12.757	196	212433	22.150	ng/ul	100
42) 2,4,5-Trichlorophenol	12.828	196	231981	21.418	ng/ul	95
43) 1,1'-Biphenyl	13.163	154	825288	20.359	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	649105	20.341	ng/ul	100
45) 2-Nitroaniline	13.416	65	186763	21.992	ng/ul	98
47) Dimethylphthalate	13.798	163	899910	21.940	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	176213	23.171	ng/ul	94
50) Acenaphthylene	14.057	152	1097031	20.797	ng/ul	99
51) 3-Nitroaniline	14.245	138	185046	22.925	ng/ul	100
52) Acenaphthene	14.398	153	727734	20.702	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	83932	24.029	ng/ul	96
55) 4-Nitrophenol	14.551	109	132126	21.957	ng/ul	98
56) Dibenzofuran	14.734	168	988388	20.227	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	259862	23.405	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.963	232	209567	23.297	ng/ul	99
59) Diethylphthalate	15.169	149	918991	22.054	ng/ul	99
61) Fluorene	15.387	166	838468	21.588	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.387	204	406917	21.355	ng/ul	99
63) 4-Nitroaniline	15.410	138	195385	24.898	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	148478	23.387	ng/ul	92
67) N-Nitrosodiphenylamine	15.598	169	746187	20.469	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	259476	20.413	ng/ul	97
69) Hexachlorobenzene	16.381	284	293192	19.588	ng/ul	92
70) Atrazine	16.557	200	277426	21.956	ng/ul	99
71) Pentachlorophenol	16.734	266	200311	22.698	ng/ul	96
72) Phenanthrene	17.128	178	1375144	19.995	ng/ul	99
74) Anthracene	17.216	178	1418688	20.405	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	316608	19.252	ng/ul	95
76) Pentachlorobenzene	14.651	250	328517	19.667	ng/ul	96
77) Carbazole	17.492	167	1326453	21.755	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1738792	23.377	ng/ul	99
80) Fluoranthene	19.145	202	1683316	19.556	ng/ul	98
82) Pyrene	19.510	202	1747307	19.220	ng/ul	99
83) Butylbenzylphthalate	20.427	149	831177	23.942	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.239	252	597248	24.134	ng/ul	95
85) Benzo(a)anthracene	21.304	228	1849109	20.572	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	1200007	23.439	ng/ul	96
87) Chrysene	21.369	228	1741356	20.525	ng/ul	97
89) Di-n-octyl phthalate	22.357	149	2216651	22.061	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1869499	20.021	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	1880819	19.834	ng/ul	97
93) Benzo(a)pyrene	24.133	252	1803137	20.442	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.580	276	2166817	22.725	ng/ul	98
95) Dibenzo(a,h)anthracene	27.639	278	1817767	22.646	ng/ul	98
96) Benzo(g,h,i)perylene	28.615	276	1724684	23.040	ng/ul	97

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

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