

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031932.D
 Acq On : 12 Jun 2024 06:07
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020285

Quant Time: Jun 12 06:52:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	349732	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1563062	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	1029610	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	2090767	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	1407423	20.000	ng/u1	0.00
88) Perylene-d12	24.215	264	1332163	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	61714	7.300	ng/uL	0.00
4) Pyridine-d5	3.581	84	448791	18.859	ng/u1	0.00
7) Phenol-d5	6.834	99	613409	20.459	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	352480	20.099	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	481484	21.047	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	509451	20.845	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	252686	21.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	277701	22.494	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	507618	22.025	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	710949	20.776	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1472749	20.532	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	1717036	20.818	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	290640	20.237	ng/u1	0.00
60) Fluorene-d10	15.298	176	1262610	20.804	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	226750	21.576	ng/u1	0.00
73) Anthracene-d10	17.151	188	1944160	21.720	ng/u1	0.00
81) Pyrene-d10	19.451	212	2016718	26.777	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	1298992	20.421	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	66124	7.311	ng/uL	98
5) Pyridine	3.605	79	437635	18.393	ng/u1	97
6) Benzaldehyde	6.810	77	300657	21.380	ng/u1	99
8) Phenol	6.863	94	626127	20.520	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.093	93	511329	20.266	ng/u1	99
12) 2-Chlorophenol	7.228	128	506060	21.139	ng/u1	99
13) 2-Methylphenol	8.105	108	488573	20.731	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.181	45	599044	20.625	ng/u1	100
16) Acetophenone	8.481	105	785672	21.212	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.469	70	387385	20.184	ng/u1	95
18) 4-Methylphenol	8.434	108	532059	20.827	ng/u1	99
19) Hexachloroethane	8.728	117	207998	20.517	ng/u1	92
22) Nitrobenzene	8.857	77	590997	20.756	ng/u1	97
23) Isophorone	9.381	82	1145032	19.603	ng/u1	99
25) 2-Nitrophenol	9.563	139	298870	22.158	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	552011	21.038	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.863	93	720358	19.788	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	498565	21.908	ng/u1	98
30) Naphthalene	10.493	128	1685652	20.838	ng/u1	99
32) 4-Chloroaniline	10.610	127	685304	20.627	ng/u1	97
33) Hexachlorobutadiene	10.769	225	295266	21.603	ng/u1	96
34) Caprolactam	11.393	113	172278	19.395	ng/u1	95
35) 4-Chloro-3-methylphenol	11.740	107	562630	21.152	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1170809	21.174	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1164953	20.998	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.481	216	596227	21.896	ng/ul	98
40) Hexachlorocyclopentadiene	12.451	237	245936	15.671	ng/ul	98
41) 2,4,6-Trichlorophenol	12.728	196	402109	21.757	ng/ul	97
42) 2,4,5-Trichlorophenol	12.804	196	440731	21.944	ng/ul	98
43) 1,1'-Biphenyl	13.134	154	1505758	20.792	ng/ul	96
44) 2-Chloronaphthalene	13.175	162	1201032	21.174	ng/ul	98
45) 2-Nitroaniline	13.387	65	345031	20.984	ng/ul	97
47) Dimethylphthalate	13.769	163	1499908	20.447	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	316234	21.687	ng/ul	97
50) Acenaphthylene	14.028	152	1971325	21.149	ng/ul	100
51) 3-Nitroaniline	14.222	138	341541	21.907	ng/ul	99
52) Acenaphthene	14.369	153	1289964	20.916	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	147908	20.093	ng/ul	97
55) 4-Nitrophenol	14.539	109	219293	20.584	ng/ul	96
56) Dibenzofuran	14.704	168	1770343	21.128	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	454410	21.238	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.934	232	359157	21.379	ng/ul	98
59) Diethylphthalate	15.139	149	1544885	20.409	ng/ul	99
61) Fluorene	15.357	166	1425535	21.126	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.351	204	704454	21.555	ng/ul	100
63) 4-Nitroaniline	15.386	138	335326	22.594	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.445	198	247940	22.193	ng/ul	95
67) N-Nitrosodiphenylamine	15.569	169	1246987	21.638	ng/ul	99
68) 4-Bromophenyl-phenylether	16.251	248	456416	22.530	ng/ul	90
69) Hexachlorobenzene	16.357	284	502939	21.905	ng/ul	95
70) Atrazine	16.528	200	357394	19.641	ng/ul	99
71) Pentachlorophenol	16.704	266	312621	21.282	ng/ul	95
72) Phenanthrene	17.098	178	2259597	21.216	ng/ul	99
74) Anthracene	17.186	178	2295843	21.273	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.092	216	599470	22.276	ng/ul	98
76) Pentachlorobenzene	14.622	250	588614	22.456	ng/ul	99
77) Carbazole	17.463	167	2088444	22.695	ng/ul	99
78) Di-n-butylphthalate	18.028	149	2714870	21.444	ng/ul	100
80) Fluoranthene	19.116	202	2493348	27.701	ng/ul	98
82) Pyrene	19.480	202	2531293	27.410	ng/ul	97
83) Butylbenzylphthalate	20.392	149	1141087	26.161	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.204	252	564626	20.920	ng/ul	95
85) Benzo(a)anthracene	21.269	228	2014711	21.386	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.198	149	1572073	24.725	ng/ul	98
87) Chrysene	21.333	228	1813920	20.614	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	2340180	26.239	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1654128	20.774	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	1615855	20.680	ng/ul	98
93) Benzo(a)pyrene	24.080	252	1537034	20.610	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.503	276	1884145	21.924	ng/ul	99
95) Dibenzo(a,h)anthracene	27.562	278	1550268	22.096	ng/ul	98
96) Benzo(g,h,i)perylene	28.533	276	1498749	21.939	ng/ul	97

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

