

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122022\
 Data File : BN023290.D
 Acq On : 20 Dec 2022 09:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020376

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/21/2022
 Supervised By :mohammad ahmed 12/21/2022

Quant Time: Dec 21 04:12:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 21 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	312482	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1386651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	879208	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1952797	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1737939	20.000	ng/u1	0.00
88) Perylene-d12	24.027	264	1726416	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	57569	7.622	ng/uL	0.00
4) Pyridine-d5	3.775	84	431463	19.352	ng/u1	0.00
7) Phenol-d5	7.151	99	547519	18.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	329301	19.471	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	443290	20.242	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	442981	18.984	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	221750	20.698	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	240998	21.357	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	449868	21.118	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	689499	20.116	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1335642	20.272	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1586620	21.473	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	268731	18.262	ng/u1	0.00
60) Fluorene-d10	15.639	176	1182624	21.071	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	218282	18.989	ng/u1	0.00
73) Anthracene-d10	17.492	188	1858911	21.241	ng/u1	0.00
81) Pyrene-d10	19.786	212	2169716	22.950	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.868	264	1752955	20.715	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	60713	7.756	ng/uL	95
5) Pyridine	3.793	79	438806	19.262	ng/u1	98
6) Benzaldehyde	7.128	77	215237	20.675	ng/u1	99
8) Phenol	7.181	94	563334	19.189	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	441122	19.346	ng/u1	99
12) 2-Chlorophenol	7.557	128	454044	20.187	ng/u1	97
13) 2-Methylphenol	8.445	108	425328	19.042	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.528	45	570299	19.748	ng/u1	99
16) Acetophenone	8.828	105	688384	19.498	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	347267	19.643	ng/u1	99
18) 4-Methylphenol	8.775	108	476770	19.234	ng/u1	99
19) Hexachloroethane	9.087	117	180248	20.807	ng/u1	97
22) Nitrobenzene	9.210	77	533355	20.762	ng/u1	99
23) Isophorone	9.739	82	975381	20.129	ng/u1	99
25) 2-Nitrophenol	9.928	139	261275	21.230	ng/u1	99
26) 2,4-Dimethylphenol	9.986	107	516350	20.727	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	619411	19.983	ng/u1	100
29) 2,4-Dichlorophenol	10.463	162	450194	21.357	ng/u1	98
30) Naphthalene	10.869	128	1534464	20.714	ng/u1	100
32) 4-Chloroaniline	10.981	127	691221	20.213	ng/u1	99
33) Hexachlorobutadiene	11.151	225	266042	22.139	ng/u1	98
34) Caprolactam	11.757	113	146622m	17.889	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	492225	20.616	ng/u1	95
36) 2-Methylnaphthalene	12.475	142	1038458	20.799	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1067914	20.756	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.839	216	536202	21.562	ng/u1	97
40) Hexachlorocyclopentadiene	12.822	237	283503	18.953	ng/u1	90
41) 2,4,6-Trichlorophenol	13.080	196	366993	21.455	ng/u1	99
42) 2,4,5-Trichlorophenol	13.151	196	402778	21.276	ng/u1	100
43) 1,1'-Biphenyl	13.486	154	1395438	21.004	ng/u1	99
44) 2-Chloronaphthalene	13.527	162	1109094	21.438	ng/u1	98
45) 2-Nitroaniline	13.727	65	310087	20.683	ng/u1	98
47) Dimethylphthalate	14.104	163	1342275	20.189	ng/u1	99
48) 2,6-Dinitrotoluene	14.227	165	273982	21.285	ng/u1	96
50) Acenaphthylene	14.369	152	1738784	21.399	ng/u1	99
51) 3-Nitroaniline	14.551	138	259005	19.761	ng/u1	98
52) Acenaphthene	14.710	153	1175159	20.803	ng/u1	98
53) 2,4-Dinitrophenol	14.757	184	131677	16.054	ng/u1	95
55) 4-Nitrophenol	14.857	109	204709	18.809	ng/u1	91
56) Dibenzofuran	15.045	168	1645979	20.928	ng/u1	99
57) 2,4-Dinitrotoluene	15.010	165	405835	21.359	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.269	232	342176	20.877	ng/u1	97
59) Diethylphthalate	15.469	149	1363789	20.620	ng/u1	98
61) Fluorene	15.692	166	1320523	20.734	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.686	204	641528	21.016	ng/u1	99
63) 4-Nitroaniline	15.716	138	221344	17.341	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.769	198	218918	19.507	ng/u1	96
67) N-Nitrosodiphenylamine	15.898	169	1163081	21.521	ng/u1	96
68) 4-Bromophenyl-phenylether	16.580	248	418441	22.207	ng/u1	88
69) Hexachlorobenzene	16.698	284	480157	21.795	ng/u1	99
70) Atrazine	16.851	200	409586	20.739	ng/u1	97
71) Pentachlorophenol	17.039	266	290696	19.983	ng/u1	94
72) Phenanthrene	17.439	178	2165921	20.961	ng/u1	100
74) Anthracene	17.527	178	2175972	21.105	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	539132	22.200	ng/uL	98
76) Pentachlorobenzene	14.963	250	545320	22.160	ng/uL	99
77) Carbazole	17.798	167	1974823	20.801	ng/u1	100
78) Di-n-butylphthalate	18.357	149	2385027	21.157	ng/u1	99
80) Fluoranthene	19.451	202	2551965	23.210	ng/u1	98
82) Pyrene	19.815	202	2646936	22.917	ng/u1	97
83) Butylbenzylphthalate	20.709	149	1112598	23.277	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.498	252	791406	20.722	ng/u1	99
85) Benzo(a)anthracene	21.562	228	2490295	21.387	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1594855	23.598	ng/u1	99
87) Chrysene	21.621	228	2308353	21.007	ng/u1	98
89) Di-n-octyl phthalate	22.427	149	2591154	24.784	ng/u1	100
90) Benzo(b)fluoranthene	23.274	252	2304730	21.166	ng/u1	99
91) Benzo(k)fluoranthene	23.327	252	2245906	21.673	ng/u1	98
93) Benzo(a)pyrene	23.921	252	1980780	21.167	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	2260955	19.072	ng/u1	99
95) Dibenzo(a,h)anthracene	26.603	278	1905454	19.713	ng/u1	96
96) Benzo(g,h,i)perylene	27.380	276	1780556	18.983	ng/u1	97

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

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