

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031188.D
 Acq On : 24 Apr 2024 14:45
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020378

Quant Time: Apr 24 16:02:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :Sohil Jodhani 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	147066	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	682902	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	468728	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1045442	20.000	ng/ul	0.00
79) Chrysene-d12	21.263	240	1162674	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1305022	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	26016	8.265	ng/uL	0.00
4) Pyridine-d5	3.552	84	185969	20.514	ng/ul	0.00
7) Phenol-d5	6.805	99	251388	20.263	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	147754	20.470	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.164	132	200862	20.794	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	209858	20.114	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	103014	20.995	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	109394	21.449	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	211514	21.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	315212	20.055	ng/ul	-0.01
46) Dimethylphthalate-d6	13.693	166	650995	19.958	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	790903	21.398	ng/ul	0.00
54) 4-Nitrophenol-d4	14.493	143	134563	19.766	ng/ul	0.00
60) Fluorene-d10	15.275	176	591338	20.826	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	96004	18.202	ng/ul	0.00
73) Anthracene-d10	17.128	188	963484	21.263	ng/ul	0.00
81) Pyrene-d10	19.428	212	1239665	21.698	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.963	264	1296756	20.954	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	27031	8.103	ng/uL	98
5) Pyridine	3.570	79	192744	21.070	ng/ul	96
6) Benzaldehyde	6.781	77	147637	24.236	ng/ul	98
8) Phenol	6.834	94	264011	20.641	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.064	93	209302	20.740	ng/ul	97
12) 2-Chlorophenol	7.193	128	212623	21.177	ng/ul	99
13) 2-Methylphenol	8.075	108	200072	20.185	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	273834	20.812	ng/ul	99
16) Acetophenone	8.452	105	333206	20.613	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.434	70	158740	19.701	ng/ul	99
18) 4-Methylphenol	8.399	108	225343	20.296	ng/ul	99
19) Hexachloroethane	8.693	117	85961	20.632	ng/ul	94
22) Nitrobenzene	8.828	77	243640	21.039	ng/ul	99
23) Isophorone	9.346	82	463728	19.622	ng/ul	100
25) 2-Nitrophenol	9.534	139	121706	21.568	ng/ul	97
26) 2,4-Dimethylphenol	9.593	107	235886	20.497	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.834	93	292499	20.377	ng/ul	98
29) 2,4-Dichlorophenol	10.058	162	212433	21.146	ng/ul	97
30) Naphthalene	10.458	128	743318	21.003	ng/ul	100
32) 4-Chloroaniline	10.575	127	315516	20.660	ng/ul	98
33) Hexachlorobutadiene	10.734	225	125265	20.454	ng/ul	94
34) Caprolactam	11.352	113	73507m	18.571	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	236857	20.335	ng/ul	96
36) 2-Methylnaphthalene	12.075	142	509652	20.420	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.299	142	521334	20.643	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.452	216	259681	21.172	ng/ul	97
40) Hexachlorocyclopentadiene	12.422	237	107107	15.897	ng/ul	94
41) 2,4,6-Trichlorophenol	12.699	196	174632	21.391	ng/ul	90
42) 2,4,5-Trichlorophenol	12.769	196	188862	20.865	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	690423	21.417	ng/ul	98
44) 2-Chloronaphthalene	13.146	162	544595	21.141	ng/ul	98
45) 2-Nitroaniline	13.357	65	147696	20.769	ng/ul	96
47) Dimethylphthalate	13.740	163	667244	19.829	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	132229	20.934	ng/ul	98
50) Acenaphthylene	13.999	152	912644	21.138	ng/ul	99
51) 3-Nitroaniline	14.193	138	152663	21.052	ng/ul#	93
52) Acenaphthene	14.340	153	595004	20.789	ng/ul	96
53) 2,4-Dinitrophenol	14.404	184	51894	14.527	ng/ul	95
55) 4-Nitrophenol	14.504	109	109898	19.891	ng/ul	97
56) Dibenzofuran	14.675	168	828006	20.924	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	202732	21.123	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	167946	21.469	ng/ul	97
59) Diethylphthalate	15.110	149	691745	19.989	ng/ul	100
61) Fluorene	15.328	166	679369	20.861	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.328	204	326493	21.048	ng/ul	97
63) 4-Nitroaniline	15.363	138	173801	22.230	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	105954	18.708	ng/ul	99
67) N-Nitrosodiphenylamine	15.545	169	586153	20.918	ng/ul	100
68) 4-Bromophenyl-phenylether	16.222	248	207034	20.940	ng/ul	95
69) Hexachlorobenzene	16.328	284	231701	20.328	ng/ul	96
70) Atrazine	16.504	200	206311	20.971	ng/ul	97
71) Pentachlorophenol	16.675	266	152109	20.541	ng/ul	98
72) Phenanthrene	17.069	178	1175863	21.265	ng/ul	100
74) Anthracene	17.157	178	1199614	21.437	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	261061	21.289	ng/ul	97
76) Pentachlorobenzene	14.593	250	262955	20.766	ng/ul	97
77) Carbazole	17.434	167	1124205	21.993	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1298081	20.834	ng/ul	100
80) Fluoranthene	19.092	202	1433826	21.205	ng/ul	98
82) Pyrene	19.457	202	1556638	21.910	ng/ul	99
83) Butylbenzylphthalate	20.369	149	658095	20.992	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	497101	20.519	ng/ul	98
85) Benzo(a)anthracene	21.245	228	1653531	20.943	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.175	149	977301	20.763	ng/ul	99
87) Chrysene	21.304	228	1571258	20.966	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	1731549	23.019	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1621415	22.082	ng/ul	100
91) Benzo(k)fluoranthene	23.310	252	1665932	22.558	ng/ul	98
93) Benzo(a)pyrene	24.027	252	1549372	21.151	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.415	276	1662716m	18.292	ng/ul	
95) Dibenzo(a,h)anthracene	27.468	278	1387044	18.591	ng/ul	99
96) Benzo(g,h,i)perylene	28.421	276	1325821	18.112	ng/ul	97

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

