

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024121.D
 Acq On : 03 Mar 2023 10:26
 Operator : CG/JU
 Sample : SSTD02079
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020247

Quant Time: Mar 03 23:07:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:03:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	227220	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	992935	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	614668	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1261538	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1193658	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	1307283	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	48883	8.777	ng/uL	0.00
4) Pyridine-d5	3.828	84	344013	23.411	ng/ul	0.00
7) Phenol-d5	7.204	99	433272	23.696	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	286747	25.561	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	338292	22.185	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	346735	24.286	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	141754	20.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	155453	20.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	334706	20.775	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	493517	23.062	ng/ul	0.00
46) Dimethylphthalate-d6	14.104	166	1033199	22.120	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1207046	21.324	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	188605	23.158	ng/ul	0.00
60) Fluorene-d10	15.686	176	878734	21.653	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	134534	21.995	ng/ul	0.00
73) Anthracene-d10	17.539	188	1350319	22.586	ng/ul	0.00
81) Pyrene-d10	19.827	212	1516985	21.626	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	1465217	21.359	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	52638	8.687	ng/uL	100
5) Pyridine	3.852	79	361023	24.044	ng/ul	100
6) Benzaldehyde	7.187	77	255610	28.004	ng/ul	100
8) Phenol	7.228	94	455296	24.434	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.475	93	376989	25.073	ng/ul	100
12) 2-Chlorophenol	7.616	128	350974	22.747	ng/ul	100
13) 2-Methylphenol	8.498	108	339458	24.125	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.592	45	602881	29.381	ng/ul	100
16) Acetophenone	8.887	105	571659	26.540	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.875	70	281669	26.018	ng/ul	100
18) 4-Methylphenol	8.828	108	380654	25.446	ng/ul	100
19) Hexachloroethane	9.151	117	138640	22.255	ng/ul	100
22) Nitrobenzene	9.269	77	394765	22.635	ng/ul	100
23) Isophorone	9.798	82	848993	23.770	ng/ul	100
25) 2-Nitrophenol	9.986	139	180470	21.295	ng/ul	100
26) 2,4-Dimethylphenol	10.039	107	404755	22.179	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.281	93	518083	23.774	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	330757	20.874	ng/ul	100
30) Naphthalene	10.934	128	1186748	21.915	ng/ul	100
32) 4-Chloroaniline	11.034	127	509317	23.884	ng/ul	100
33) Hexachlorobutadiene	11.222	225	201506	18.531	ng/ul	100
34) Caprolactam	11.792	113	110978m	23.586	ng/ul	100
35) 4-Chloro-3-methylphenol	12.145	107	373909	23.207	ng/ul	100
36) 2-Methylnaphthalene	12.533	142	796337	22.741	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	789612	22.805	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.898	216	394005	18.696	ng/ul	100
40) Hexachlorocyclopentadiene	12.880	237	192825	17.278	ng/ul	100
41) 2,4,6-Trichlorophenol	13.128	196	255365	18.849	ng/ul	100
42) 2,4,5-Trichlorophenol	13.198	196	284736	19.675	ng/ul	100
43) 1,1'-Biphenyl	13.533	154	1063514	21.256	ng/ul	100
44) 2-Chloronaphthalene	13.575	162	819948	20.728	ng/ul	100
45) 2-Nitroaniline	13.775	65	181501	24.834	ng/ul	100
47) Dimethylphthalate	14.151	163	1039740	22.375	ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	153503	24.155	ng/ul	100
50) Acenaphthylene	14.422	152	1299012	21.691	ng/ul	100
51) 3-Nitroaniline	14.592	138	181225	23.866	ng/ul	100
52) Acenaphthene	14.763	153	872004	21.416	ng/ul	100
53) 2,4-Dinitrophenol	14.792	184	82968	18.916	ng/ul	100
55) 4-Nitrophenol	14.886	109	144262	22.525	ng/ul	100
56) Dibenzofuran	15.092	168	1220357	21.580	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	247213	26.294	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.316	232	240844	20.007	ng/ul	100
59) Diethylphthalate	15.510	149	1036603	23.136	ng/ul	100
61) Fluorene	15.739	166	984134	22.006	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	461242	20.347	ng/ul	100
63) 4-Nitroaniline	15.757	138	182910m	27.019	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.810	198	142526	22.842	ng/ul	100
67) N-Nitrosodiphenylamine	15.945	169	837211	22.233	ng/ul	100
68) 4-Bromophenyl-phenylether	16.627	248	278202	19.670	ng/ul	100
69) Hexachlorobenzene	16.745	284	326986	19.940	ng/ul	100
70) Atrazine	16.892	200	281637	22.156	ng/ul	100
71) Pentachlorophenol	17.086	266	207513	20.234	ng/ul	100
72) Phenanthrene	17.486	178	1591255	22.771	ng/ul	100
74) Anthracene	17.574	178	1601264	22.730	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.498	216	410816	19.160	ng/ul	100
76) Pentachlorobenzene	15.010	250	391683	19.679	ng/ul	100
77) Carbazole	17.839	167	1462594	24.071	ng/ul	100
78) Di-n-butylphthalate	18.410	149	1730609	24.916	ng/ul	100
80) Fluoranthene	19.492	202	1808685	21.818	ng/ul	100
82) Pyrene	19.857	202	1858303	21.755	ng/ul	100
83) Butylbenzylphthalate	20.757	149	440086	33.505	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.545	252	496126	19.992	ng/ul	100
85) Benzo(a)anthracene	21.615	228	1820612	21.718	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.545	149	784825	32.478	ng/ul	100
87) Chrysene	21.674	228	1705372	21.347	ng/ul	100
89) Di-n-octyl phthalate	22.515	149	1316448	24.207	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1796544	21.463	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	1875267	22.998	ng/ul	100
93) Benzo(a)pyrene	24.045	252	1630148	21.665	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.815	276	2102904m	21.072	ng/ul	
95) Dibenzo(a,h)anthracene	26.839	278	1728658m	21.141	ng/ul	
96) Benzo(g,h,i)perylene	27.639	276	1716302m	20.835	ng/ul	

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

