

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030822\
 Data File : BN018865.D
 Acq On : 08 Mar 2022 11:39
 Operator : CG/JU
 Sample : SSTD02047
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020247

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2022
 Supervised By :Yogesh Patel 03/10/2022

Quant Time: Mar 08 12:31:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 12:28:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	133217	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	619438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	418663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	914705	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1003340	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1112706	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	29614	8.246	ng/uL	0.00
4) Pyridine-d5	3.693	84	215645	21.243	ng/u1	0.00
7) Phenol-d5	7.058	99	276765	22.289	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	173097	23.004	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	205380	22.309	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	226186	22.907	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	105009	21.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	118104	22.133	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	223396	22.114	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	345438	23.775	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	712283	22.116	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	890524	22.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	139690	22.751	ng/u1	0.00
60) Fluorene-d10	15.528	176	616877	22.555	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	118098	20.105	ng/u1	0.00
73) Anthracene-d10	17.375	188	969501	21.833	ng/u1	0.00
81) Pyrene-d10	19.669	212	1199747	19.752	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1292740	21.834	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	30765	8.043	ng/uL	96
5) Pyridine	3.711	79	225380	21.510	ng/u1	99
6) Benzaldehyde	7.034	77	131982	21.897	ng/u1	91
8) Phenol	7.087	94	292670	22.743	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	230305	22.728	ng/u1	98
12) 2-Chlorophenol	7.463	128	219827	22.754	ng/u1	97
13) 2-Methylphenol	8.346	108	217456	22.732	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	333958	23.512	ng/u1	99
16) Acetophenone	8.722	105	371061	24.697	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	190507	24.836	ng/u1	98
18) 4-Methylphenol	8.669	108	247240	23.672	ng/u1	98
19) Hexachloroethane	8.993	117	84090	21.489	ng/u1	96
22) Nitrobenzene	9.105	77	274540	22.046	ng/u1	99
23) Isophorone	9.628	82	528595	22.433	ng/u1	99
25) 2-Nitrophenol	9.822	139	131017	22.282	ng/u1	97
26) 2,4-Dimethylphenol	9.881	107	281571	22.398	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	328787	22.089	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	226283	22.170	ng/u1	100
30) Naphthalene	10.763	128	746847	21.768	ng/u1	100
32) 4-Chloroaniline	10.863	127	361948	24.300	ng/u1	99
33) Hexachlorobutadiene	11.057	225	139641	20.856	ng/u1	98
34) Caprolactam	11.604	113	77235m	21.943	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	265285	22.969	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	531696	22.464	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	550494	22.597	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	285228	21.495	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	158613	18.612	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	184377	21.613	ng/ul	94
42) 2,4,5-Trichlorophenol	13.046	196	202858	21.633	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	733679	21.830	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	564116	21.818	ng/ul	100
45) 2-Nitroaniline	13.610	65	171192	22.520	ng/ul	96
47) Dimethylphthalate	13.993	163	727645	22.190	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	140108	22.227	ng/ul	98
50) Acenaphthylene	14.263	152	929979	22.606	ng/ul	99
51) 3-Nitroaniline	14.434	138	97580	16.423	ng/ul	92
52) Acenaphthene	14.604	153	607116	22.514	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	74899	17.481	ng/ul	98
55) 4-Nitrophenol	14.734	109	119931	22.628	ng/ul	98
56) Dibenzofuran	14.940	168	866709	22.243	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	213596	22.826	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	168869	22.305	ng/ul	97
59) Diethylphthalate	15.351	149	725580	12.960	ng/ul	98
61) Fluorene	15.587	166	693761	22.852	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	336389	22.036	ng/ul	100
63) 4-Nitroaniline	15.592	138	91906	17.946	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.657	198	124313	21.004	ng/ul	99
67) N-Nitrosodiphenylamine	15.787	169	616840	22.131	ng/ul	100
68) 4-Bromophenyl-phenylether	16.469	248	209334	21.403	ng/ul	99
69) Hexachlorobenzene	16.592	284	235268	20.975	ng/ul	98
70) Atrazine	16.734	200	224114	21.547	ng/ul	99
71) Pentachlorophenol	16.928	266	140433	19.665	ng/ul	99
72) Phenanthrene	17.322	178	1161794	22.168	ng/ul	99
74) Anthracene	17.410	178	1147930	22.052	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	309747	20.790	ng/uL	96
76) Pentachlorobenzene	14.863	250	279190	21.267	ng/uL	94
77) Carbazole	17.675	167	1082558	23.840	ng/ul	97
78) Di-n-butylphthalate	18.245	149	1186755	22.181	ng/ul	99
80) Fluoranthene	19.333	202	1421775	19.846	ng/ul	100
82) Pyrene	19.698	202	1441551	19.526	ng/ul	98
83) Butylbenzylphthalate	20.592	149	572315	21.152	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.369	252	460264	23.986	ng/ul	99
85) Benzo(a)anthracene	21.439	228	1520086	22.264	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.369	149	854868	22.171	ng/ul	99
87) Chrysene	21.492	228	1463598	22.156	ng/ul	97
89) Di-n-octyl phthalate	22.292	149	1533122	18.258	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1663125	20.879	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	1562302	20.813	ng/ul	100
93) Benzo(a)pyrene	23.745	252	1597009	21.468	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.333	276	1886210	26.439	ng/ul	99
95) Dibenzo(a,h)anthracene	26.357	278	1602635	26.439	ng/ul	98
96) Benzo(g,h,i)perylene	27.098	276	1619521	27.549	ng/ul	97

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

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