

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011122\
 Data File : BN018384.D
 Acq On : 11 Jan 2022 15:10
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020275

Quant Time: Jan 11 16:00:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/12/2022
 Supervised By :mohammad ahmed 01/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	701565	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.363	136	3045895	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.234	164	1789789	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.975	188	3510941	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.180	240	3237844	20.000	ng/ul	# 0.00
88) Perylene-d12	23.398	264	3516769	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	129696	7.431	ng/uL	0.00
4) Pyridine-d5	3.458	84	1045822	19.148	ng/ul	0.00
7) Phenol-d5	6.763	99	1275581	18.708	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	6.922	67	816251	18.793	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.116	132	983711	19.696	ng/ul	-0.01
15) 4-Methylphenol-d8	8.304	113	1002176	18.621	ng/ul	-0.01
21) Nitrobenzene-d5	8.734	128	476430	21.001	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.451	143	528662	21.801	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.993	165	906405	20.573	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.504	131	1305908	19.287	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	2647181	20.363	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	3401318	20.697	ng/ul	0.00
54) 4-Nitrophenol-d4	14.451	143	499351	20.129	ng/ul	0.00
60) Fluorene-d10	15.228	176	2094868	19.100	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	394964	19.881	ng/ul	0.00
73) Anthracene-d10	17.075	188	3261455	20.057	ng/ul	0.00
81) Pyrene-d10	19.374	212	3634904	19.570	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.257	264	3576945	20.437	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	136973	6.976	ng/uL	97
5) Pyridine	3.475	79	1077162	18.963	ng/ul	96
6) Benzaldehyde	6.722	77	840430	19.407	ng/ul	97
8) Phenol	6.793	94	1317617	18.542	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.010	93	1074050	18.746	ng/ul	99
12) 2-Chlorophenol	7.152	128	1005768	19.083	ng/ul	92
13) 2-Methylphenol	8.034	108	990933	18.536	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.116	45	1392471	18.313	ng/ul	99
16) Acetophenone	8.399	105	1530908	18.570	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.393	70	814523	18.084	ng/ul	94
18) 4-Methylphenol	8.363	108	1064292	18.553	ng/ul	99
19) Hexachloroethane	8.652	117	408544	18.690	ng/ul#	77
22) Nitrobenzene	8.775	77	1212086	20.224	ng/ul	98
23) Isophorone	9.299	82	2372695	19.712	ng/ul	99
25) 2-Nitrophenol	9.481	139	560162	20.750	ng/ul	98
26) 2,4-Dimethylphenol	9.557	107	1181323	19.732	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.793	93	1446220	19.315	ng/ul	100
29) 2,4-Dichlorophenol	10.016	162	873898	19.583	ng/ul	95
30) Naphthalene	10.410	128	3150918	18.908	ng/ul	100
32) 4-Chloroaniline	10.528	127	1318555	19.068	ng/ul	99
33) Hexachlorobutadiene	10.710	225	481008	19.767	ng/ul	98
34) Caprolactam	11.269	113	326747m	18.627	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	1085644	19.440	ng/ul	97
36) 2-Methylnaphthalene	12.034	142	2119489	19.061	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	2168372	18.739	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.416	216	958216	20.873	ng/ul#	91
40) Hexachlorocyclopentadiene	12.398	237	532273	20.187	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	646949	20.778	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	707133	21.425	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	2769199	19.867	ng/ul	100
44) 2-Chloronaphthalene	13.098	162	2090506	20.071	ng/ul	94
45) 2-Nitroaniline	13.310	65	716868	21.991	ng/ul	95
47) Dimethylphthalate	13.698	163	2615380	19.822	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	539193	21.565	ng/ul	95
50) Acenaphthylene	13.951	152	3480369	20.097	ng/ul	99
51) 3-Nitroaniline	14.139	138	587107	20.887	ng/ul	91
52) Acenaphthene	14.298	153	2185538	19.152	ng/ul	98
53) 2,4-Dinitrophenol	14.351	184	255064	18.112	ng/ul#	85
55) 4-Nitrophenol	14.463	109	422614	19.940	ng/ul	94
56) Dibenzofuran	14.634	168	3068525	19.391	ng/ul	89
57) 2,4-Dinitrotoluene	14.604	165	757712	21.062	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.869	232	549534	20.655	ng/ul#	84
59) Diethylphthalate	15.069	149	2738947	20.108	ng/ul	94
61) Fluorene	15.286	166	2364176	19.399	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.281	204	1045932	19.194	ng/ul#	81
63) 4-Nitroaniline	15.304	138	534627	21.323	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.375	198	398171	19.662	ng/ul#	90
67) N-Nitrosodiphenylamine	15.498	169	2103931	19.333	ng/ul	96
68) 4-Bromophenyl-phenylether	16.175	248	672118	19.741	ng/ul#	88
69) Hexachlorobenzene	16.292	284	781726	19.154	ng/ul#	88
70) Atrazine	16.457	200	738459	20.693	ng/ul	96
71) Pentachlorophenol	16.633	266	460497	19.767	ng/ul	91
72) Phenanthrene	17.016	178	3795742	19.025	ng/ul	99
74) Anthracene	17.110	178	3827293	19.324	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	973891	19.426	ng/ul	99
76) Pentachlorobenzene	14.557	250	956227	20.401	ng/ul	98
77) Carbazole	17.380	167	3519555	20.190	ng/ul	97
78) Di-n-butylphthalate	17.963	149	4662177	21.755	ng/ul	100
80) Fluoranthene	19.039	202	4417550	19.622	ng/ul#	89
82) Pyrene	19.404	202	4297669	18.735	ng/ul#	85
83) Butylbenzylphthalate	20.327	149	2074802	21.819	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.098	252	1351049	21.647	ng/ul#	97
85) Benzo(a)anthracene	21.163	228	4113541	19.409	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.116	149	3087079	21.344	ng/ul#	95
87) Chrysene	21.216	228	3872492	18.553	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	5318516	21.105	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	4617035	20.479	ng/ul#	96
91) Benzo(k)fluoranthene	22.774	252	3911468	18.708	ng/ul#	93
93) Benzo(a)pyrene	23.304	252	4125128	19.187	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.662	276	4801684	20.194	ng/ul#	88
95) Dibenzo(a,h)anthracene	25.662	278	4052850	20.215	ng/ul#	95
96) Benzo(g,h,i)perylene	26.339	276	4077739	20.468	ng/ul#	93

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

