

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018412.D
 Acq On : 15 Jan 2022 13:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020279

Quant Time: Jan 17 04:50:09 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 01/17/2022
 Supervised By :mohammad ahmed 01/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	431922	20.000	ng/u1	0.00
20) Naphthalene-d8	10.369	136	1915839	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.234	164	1168817	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	2333735	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	2205620	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	2299543	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	74330	6.918	ng/uL	0.00
4) Pyridine-d5	3.464	84	618318	18.388	ng/u1	0.00
7) Phenol-d5	6.775	99	772901	18.412	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	488851	18.282	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	596350	19.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	617774	18.645	ng/u1	0.00
21) Nitrobenzene-d5	8.740	128	288952	20.250	ng/u1	0.00
24) 2-Nitrophenol-d4	9.457	143	320020	20.981	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.998	165	565534	20.408	ng/u1	0.00
31) 4-Chloroaniline-d4	10.504	131	812245	19.072	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	1731729	20.398	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	2190346	20.410	ng/u1	0.00
54) 4-Nitrophenol-d4	14.445	143	294723	18.192	ng/u1	0.00
60) Fluorene-d10	15.228	176	1423985	19.881	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	253277	19.180	ng/u1	0.00
73) Anthracene-d10	17.075	188	2104814	19.474	ng/u1	0.00
81) Pyrene-d10	19.374	212	2463824	19.473	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	2366179	20.675	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	81232	6.720	ng/uL	91
5) Pyridine	3.481	79	633890	18.126	ng/u1	96
6) Benzaldehyde	6.728	77	496065	18.606	ng/u1	99
8) Phenol	6.799	94	790528	18.069	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.022	93	642428	18.212	ng/u1	96
12) 2-Chlorophenol	7.157	128	609433	18.782	ng/u1	94
13) 2-Methylphenol	8.040	108	593193	18.023	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.122	45	813473	17.378	ng/u1	97
16) Acetophenone	8.404	105	964344	19.001	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.399	70	518616	18.702	ng/u1	93
18) 4-Methylphenol	8.369	108	659012	18.660	ng/u1	95
19) Hexachloroethane	8.657	117	249283	18.524	ng/u1#	77
22) Nitrobenzene	8.781	77	749326	19.877	ng/u1	96
23) Isophorone	9.299	82	1470885	19.428	ng/u1	99
25) 2-Nitrophenol	9.487	139	347482	20.464	ng/u1	98
26) 2,4-Dimethylphenol	9.563	107	748506	19.877	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.793	93	893897	18.980	ng/u1	99
29) 2,4-Dichlorophenol	10.022	162	564141	20.099	ng/u1	96
30) Naphthalene	10.416	128	1952583	18.628	ng/u1	99
32) 4-Chloroaniline	10.528	127	817919	18.805	ng/u1	98
33) Hexachlorobutadiene	10.716	225	316282	20.664	ng/u1	97
34) Caprolactam	11.269	113	193254	17.515	ng/u1	83
35) 4-Chloro-3-methylphenol	11.675	107	704699	20.061	ng/u1	93
36) 2-Methylnaphthalene	12.040	142	1368874	19.572	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1415679	19.451	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.416	216	611751	20.405	ng/ul#	94
40) Hexachlorocyclopentadiene	12.398	237	348139	20.219	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	425428	20.923	ng/ul	95
42) 2,4,5-Trichlorophenol	12.734	196	440270	20.426	ng/ul	100
43) 1,1'-Biphenyl	13.063	154	1837254	20.184	ng/ul	98
44) 2-Chloronaphthalene	13.098	162	1340021	19.701	ng/ul#	92
45) 2-Nitroaniline	13.310	65	442260	20.775	ng/ul	96
47) Dimethylphthalate	13.698	163	1745168	20.254	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	338402	20.725	ng/ul	94
50) Acenaphthylene	13.951	152	2210030	19.542	ng/ul	99
51) 3-Nitroaniline	14.139	138	361253	19.680	ng/ul	90
52) Acenaphthene	14.298	153	1412952	18.960	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	147126m	15.998	ng/ul	
55) 4-Nitrophenol	14.463	109	269489	19.471	ng/ul	84
56) Dibenzofuran	14.634	168	1981930	19.178	ng/ul	88
57) 2,4-Dinitrotoluene	14.604	165	489003	20.815	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.869	232	351825	20.249	ng/ul#	79
59) Diethylphthalate	15.069	149	1771500	19.915	ng/ul	97
61) Fluorene	15.281	166	1554590	19.533	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.281	204	702037	19.727	ng/ul#	81
63) 4-Nitroaniline	15.304	138	322804	19.714	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.375	198	252290	18.743	ng/ul	96
67) N-Nitrosodiphenylamine	15.498	169	1362018	18.829	ng/ul	97
68) 4-Bromophenyl-phenylether	16.175	248	455754	20.139	ng/ul#	84
69) Hexachlorobenzene	16.292	284	536090	19.761	ng/ul#	87
70) Atrazine	16.457	200	496712	20.940	ng/ul	96
71) Pentachlorophenol	16.639	266	292332	18.878	ng/ul	98
72) Phenanthrene	17.016	178	2478191	18.687	ng/ul	98
74) Anthracene	17.110	178	2490549	18.918	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.028	216	657681	19.737	ng/ul	99
76) Pentachlorobenzene	14.557	250	625987	20.092	ng/ul	96
77) Carbazole	17.380	167	2292796	19.787	ng/ul	98
78) Di-n-butylphthalate	17.963	149	2975847	20.891	ng/ul	99
80) Fluoranthene	19.039	202	2892854	18.863	ng/ul#	91
82) Pyrene	19.404	202	2969288	19.002	ng/ul#	90
83) Butylbenzylphthalate	20.321	149	1299971	20.069	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.098	252	899136	21.148	ng/ul#	97
85) Benzo(a)anthracene	21.157	228	2784181	19.284	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.110	149	2084105	21.153	ng/ul#	94
87) Chrysene	21.210	228	2577824	18.130	ng/ul	94
89) Di-n-octyl phthalate	21.980	149	3382543	20.528	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	2879428	19.532	ng/ul#	97
91) Benzo(k)fluoranthene	22.768	252	2847820	20.830	ng/ul#	93
93) Benzo(a)pyrene	23.298	252	2708049	19.263	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.639	276	2996030	19.270	ng/ul#	92
95) Dibenzo(a,h)anthracene	25.651	278	2516388	19.195	ng/ul#	95
96) Benzo(g,h,i)perylene	26.327	276	2548115	19.560	ng/ul#	93

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

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