

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
 Data File : BN029554.D
 Acq On : 07 Feb 2024 20:29
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020294

Quant Time: Feb 08 01:07:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/08/2024
 Supervised By :mohammad ahmed 02/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	221158	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	936538	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	491837	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	955933	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	803680	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	885858	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	48539	7.219	ng/uL	0.00
4) Pyridine-d5	3.734	84	326592	18.213	ng/u1	0.00
7) Phenol-d5	7.052	99	397165	19.200	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	263733	19.103	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	299198	19.960	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	293684	19.037	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	139764	19.228	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	123654	19.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	247486	19.806	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	391777	18.378	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	686252	18.741	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	825020	18.972	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	123096	17.712	ng/u1	0.00
60) Fluorene-d10	15.522	176	583152	18.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	77206	16.575	ng/u1	0.00
73) Anthracene-d10	17.375	188	847994	18.928	ng/u1	0.00
81) Pyrene-d10	19.675	212	889590	18.445	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	825201	18.616	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	51550	7.402	ng/uL	98
5) Pyridine	3.758	79	341902	18.431	ng/u1	96
6) Benzaldehyde	7.034	77	228607m	24.654	ng/u1	
8) Phenol	7.075	94	401618	18.944	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.322	93	343747	19.282	ng/u1	98
12) 2-Chlorophenol	7.446	128	312083	19.843	ng/u1	99
13) 2-Methylphenol	8.328	108	288469	18.856	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	453971	19.498	ng/u1	99
16) Acetophenone	8.716	105	481344	19.604	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.704	70	255921	20.189	ng/u1	99
18) 4-Methylphenol	8.657	108	314524	19.455	ng/u1	99
19) Hexachloroethane	8.957	117	138436	18.968	ng/u1	100
22) Nitrobenzene	9.093	77	386281	18.756	ng/u1	98
23) Isophorone	9.616	82	681931	19.009	ng/u1	99
25) 2-Nitrophenol	9.804	139	142474	19.708	ng/u1	100
26) 2,4-Dimethylphenol	9.863	107	323763	18.687	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.110	93	431919	18.945	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	249876	19.353	ng/u1	99
30) Naphthalene	10.734	128	991685	18.525	ng/u1	99
32) 4-Chloroaniline	10.851	127	395335	18.786	ng/u1	97
33) Hexachlorobutadiene	11.010	225	147786	18.546	ng/u1	92
34) Caprolactam	11.622	113	73612m	17.133	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	290803	19.499	ng/u1	100
36) 2-Methylnaphthalene	12.345	142	626173	19.082	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	607405	18.670	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	265505	18.212	ng/ul	91
40) Hexachlorocyclopentadiene	12.687	237	165452	17.362	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	164419	19.567	ng/ul	98
42) 2,4,5-Trichlorophenol	13.022	196	180844	19.153	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	768928	18.538	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	595451	18.471	ng/ul	97
45) 2-Nitroaniline	13.616	65	183361	19.346	ng/ul	98
47) Dimethylphthalate	13.998	163	706060	18.837	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	127955	19.077	ng/ul	99
50) Acenaphthylene	14.251	152	990070	18.971	ng/ul	100
51) 3-Nitroaniline	14.445	138	139265	17.840	ng/ul	99
52) Acenaphthene	14.592	153	642965	18.650	ng/ul	95
53) 2,4-Dinitrophenol	14.651	184	53343	15.671	ng/ul	98
55) 4-Nitrophenol	14.745	109	110867	17.446	ng/ul	95
56) Dibenzofuran	14.928	168	840576	18.464	ng/ul	98
57) 2,4-Dinitrotoluene	14.904	165	186218	19.720	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.151	232	130663	19.499	ng/ul	97
59) Diethylphthalate	15.363	149	719583	18.689	ng/ul	98
61) Fluorene	15.581	166	679398	18.880	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	306563	19.047	ng/ul	94
63) 4-Nitroaniline	15.604	138	141076	20.023	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.657	198	85674	16.684	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	559623	18.786	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	167789	18.544	ng/ul	88
69) Hexachlorobenzene	16.575	284	191742	18.801	ng/ul	99
70) Atrazine	16.751	200	166147	17.852	ng/ul	99
71) Pentachlorophenol	16.922	266	106295	17.947	ng/ul	99
72) Phenanthrene	17.322	178	1037841	18.769	ng/ul	100
74) Anthracene	17.410	178	1036839	18.683	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	267641	19.080	ng/uL	96
76) Pentachlorobenzene	14.839	250	233167	18.563	ng/uL	94
77) Carbazole	17.686	167	916473	18.081	ng/ul	99
78) Di-n-butylphthalate	18.269	149	1156655	18.976	ng/ul	99
80) Fluoranthene	19.339	202	1091177	18.625	ng/ul	98
82) Pyrene	19.704	202	1148330	18.528	ng/ul	99
83) Butylbenzylphthalate	20.627	149	475501	18.825	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	281498	18.084	ng/ul	97
85) Benzo(a)anthracene	21.463	228	1086033	18.395	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	732669	18.752	ng/ul	97
87) Chrysene	21.516	228	1026292	18.549	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	1177297	17.145	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1032372	18.502	ng/ul	98
91) Benzo(k)fluoranthene	23.180	252	1059006	18.543	ng/ul	98
93) Benzo(a)pyrene	23.745	252	993935	18.575	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.315	276	1184065	18.172	ng/ul	95
95) Dibenzo(a,h)anthracene	26.345	278	973216	18.295	ng/ul	98
96) Benzo(g,h,i)perylene	27.068	276	972414	17.843	ng/ul	98

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

