

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034346.D
 Acq On : 02 Oct 2024 21:32
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020328

Quant Time: Oct 03 00:05:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	245746	20.000	ng/ul	0.00
20) Naphthalene-d8	10.140	136	994456	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.040	164	601215	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1118036	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1018072	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1222023	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	45729	7.593	ng/uL	0.00
4) Pyridine-d5	3.387	84	300048	16.762	ng/ul	0.00
7) Phenol-d5	6.587	99	375879	17.234	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	223147	16.490	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	339014	19.747	ng/ul	0.00
15) 4-Methylphenol-d8	8.105	113	306505	17.079	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	157694	19.895	ng/ul	0.00
24) 2-Nitrophenol-d4	9.240	143	172277	21.136	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	310652	20.238	ng/ul	0.00
31) 4-Chloroaniline-d4	10.293	131	407820	17.549	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	824681	18.354	ng/ul	0.00
49) Acenaphthylene-d8	13.722	160	984822	19.484	ng/ul	0.00
54) 4-Nitrophenol-d4	14.275	143	132807	14.403	ng/ul	0.00
60) Fluorene-d10	15.039	176	699420	18.368	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	118263	17.741	ng/ul	0.00
73) Anthracene-d10	16.892	188	1015194	19.314	ng/ul	0.00
81) Pyrene-d10	19.204	212	1090310	19.221	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.557	264	1220126	19.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.034	88	47478	7.474	ng/uL	93
5) Pyridine	3.405	79	311942	17.030	ng/ul	93
6) Benzaldehyde	6.546	77	173207	15.045	ng/ul	91
8) Phenol	6.611	94	381380	16.795	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.834	93	311999	17.679	ng/ul	93
12) 2-Chlorophenol	6.958	128	334966	19.039	ng/ul	94
13) 2-Methylphenol	7.840	108	292219	17.218	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.910	45	411937	15.827	ng/ul	95
16) Acetophenone	8.205	105	469165	16.504	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.193	70	227298	16.146	ng/ul	93
18) 4-Methylphenol	8.163	108	310847	16.457	ng/ul	98
19) Hexachloroethane	8.440	117	138476	18.661	ng/ul#	86
22) Nitrobenzene	8.569	77	341586	17.218	ng/ul	92
23) Isophorone	9.099	82	626752	17.131	ng/ul	95
25) 2-Nitrophenol	9.275	139	182460	20.002	ng/ul	88
26) 2,4-Dimethylphenol	9.352	107	331658	17.672	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.581	93	407844	18.118	ng/ul	98
29) 2,4-Dichlorophenol	9.804	162	311660	20.052	ng/ul	94
30) Naphthalene	10.193	128	1057378	19.439	ng/ul	99
32) 4-Chloroaniline	10.310	127	389751	17.019	ng/ul	99
33) Hexachlorobutadiene	10.481	225	206606	20.720	ng/ul	98
34) Caprolactam	11.087	113	96452m	15.586	ng/ul	
35) 4-Chloro-3-methylphenol	11.451	107	296203	16.188	ng/ul	93
36) 2-Methylnaphthalene	11.816	142	693807	18.517	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.040	142	710680	18.738	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.198	216	367746	21.188	ng/ul	95
40) Hexachlorocyclopentadiene	12.175	237	198377	18.576	ng/ul	99
41) 2,4,6-Trichlorophenol	12.451	196	232639	20.218	ng/ul	93
42) 2,4,5-Trichlorophenol	12.522	196	256090	20.262	ng/ul	97
43) 1,1'-Biphenyl	12.863	154	882266	19.465	ng/ul	100
44) 2-Chloronaphthalene	12.893	162	699988	19.824	ng/ul	97
45) 2-Nitroaniline	13.116	65	167738	14.701	ng/ul#	82
47) Dimethylphthalate	13.510	163	833869	18.210	ng/ul	98
48) 2,6-Dinitrotoluene	13.628	165	168566	18.694	ng/ul	88
50) Acenaphthylene	13.751	152	1107565	20.025	ng/ul	99
51) 3-Nitroaniline	13.957	138	151920	15.246	ng/ul	92
52) Acenaphthene	14.104	153	748192	18.948	ng/ul	98
53) 2,4-Dinitrophenol	14.169	184	85645	16.148	ng/ul#	81
55) 4-Nitrophenol	14.287	109	118681	15.155	ng/ul	86
56) Dibenzofuran	14.445	168	991941	18.370	ng/ul	96
57) 2,4-Dinitrotoluene	14.422	165	236313	17.384	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.681	232	205373	19.582	ng/ul	90
59) Diethylphthalate	14.898	149	828735	17.319	ng/ul	96
61) Fluorene	15.098	166	794603	17.989	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.104	204	411597	19.224	ng/ul	96
63) 4-Nitroaniline	15.128	138	143604	14.005	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.192	198	129088	17.438	ng/ul#	90
67) N-Nitrosodiphenylamine	15.322	169	676580	20.195	ng/ul	99
68) 4-Bromophenyl-phenylether	15.998	248	250112	22.030	ng/ul	92
69) Hexachlorobenzene	16.104	284	289736	21.987	ng/ul#	91
70) Atrazine	16.292	200	219108	18.051	ng/ul	99
71) Pentachlorophenol	16.451	266	174736	19.910	ng/ul	99
72) Phenanthrene	16.839	178	1193077	19.353	ng/ul	99
74) Anthracene	16.928	178	1213998	19.285	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	361350	23.223	ng/uL	96
76) Pentachlorobenzene	14.363	250	355388	22.431	ng/uL	99
77) Carbazole	17.210	167	1039707	17.945	ng/ul	99
78) Di-n-butylphthalate	17.792	149	1334149	18.114	ng/ul	99
80) Fluoranthene	18.869	202	1316638	19.855	ng/ul	96
82) Pyrene	19.233	202	1365242	19.151	ng/ul	96
83) Butylbenzylphthalate	20.174	149	574228	17.962	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.957	252	410638	17.957	ng/ul	98
85) Benzo(a)anthracene	21.016	228	1365574	18.813	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.980	149	907230	19.388	ng/ul#	96
87) Chrysene	21.069	228	1286349	18.573	ng/ul	97
89) Di-n-octyl phthalate	22.016	149	1513903	18.618	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1417704	19.028	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	1466946	19.958	ng/ul	98
93) Benzo(a)pyrene	23.615	252	1392044	19.778	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.733	276	1790128	20.527	ng/ul	98
95) Dibenzo(a,h)anthracene	26.786	278	1478028	20.967	ng/ul	98
96) Benzo(g,h,i)perylene	27.656	276	1428879	21.106	ng/ul	97

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

