

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028610.D
 Acq On : 14 Nov 2023 19:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020285

Quant Time: Nov 15 00:24:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	183886	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1060766	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.345	164	707989	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1421036	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1082504	20.000	ng/u1	0.00
88) Perylene-d12	23.604	264	1074289	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	50154	9.766	ng/uL	0.00
4) Pyridine-d5	3.564	84	235631	20.929	ng/u1	0.00
7) Phenol-d5	6.887	99	357366	20.343	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	228572	21.036	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	350829	22.852	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	303471	20.979	ng/u1	0.00
21) Nitrobenzene-d5	8.863	128	164915	17.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.581	143	156509	15.698	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	317918	18.755	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	454719	17.700	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1232373	19.305	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1437132	19.533	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	90056	13.312	ng/u1	-0.01
60) Fluorene-d10	15.339	176	993285	18.873	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	146648	18.578	ng/u1	0.00
73) Anthracene-d10	17.192	188	1533624	19.334	ng/u1	0.00
81) Pyrene-d10	19.498	212	1642783	20.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.457	264	1286156	19.124	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	54611	9.957	ng/uL	94
5) Pyridine	3.581	79	244587	21.011	ng/u1	94
6) Benzaldehyde	6.852	77	93237	11.256	ng/u1	97
8) Phenol	6.911	94	384170	21.982	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.134	93	308461	20.795	ng/u1	99
12) 2-Chlorophenol	7.263	128	337347	22.085	ng/u1	98
13) 2-Methylphenol	8.158	108	276839	19.768	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	612020	26.726	ng/u1	98
16) Acetophenone	8.528	105	519161	21.828	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.510	70	294708	23.758	ng/u1	98
18) 4-Methylphenol	8.487	108	303545	20.185	ng/u1	92
19) Hexachloroethane	8.763	117	171137	24.392	ng/u1	97
22) Nitrobenzene	8.905	77	345516	16.951	ng/u1	96
23) Isophorone	9.422	82	929240	20.444	ng/u1	99
25) 2-Nitrophenol	9.610	139	161659	15.417	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	341977	16.643	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	439635	16.749	ng/u1	98
29) 2,4-Dichlorophenol	10.146	162	305303	18.202	ng/u1	98
30) Naphthalene	10.540	128	1332017	19.611	ng/u1	99
32) 4-Chloroaniline	10.663	127	348910	14.486	ng/u1	100
33) Hexachlorobutadiene	10.822	225	246996	19.651	ng/u1	98
34) Caprolactam	11.440	113	103553m	18.243	ng/u1	
35) 4-Chloro-3-methylphenol	11.799	107	302214	16.520	ng/u1	99
36) 2-Methylnaphthalene	12.157	142	830734	18.472	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028610.D
 Acq On : 14 Nov 2023 19:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020285

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 15 00:24:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	906387	19.508	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	459628	19.109	ng/ul	95
40) Hexachlorocyclopentadiene	12.504	237	257528	21.261	ng/ul	99
41) 2,4,6-Trichlorophenol	12.775	196	261077	18.517	ng/ul	97
42) 2,4,5-Trichlorophenol	12.851	196	258275	15.333	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	1133463	18.163	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	923912	18.557	ng/ul	96
45) 2-Nitroaniline	13.440	65	201650	15.857	ng/ul	98
47) Dimethylphthalate	13.810	163	1227516	19.396	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	235548	18.849	ng/ul	98
50) Acenaphthylene	14.063	152	1612529	19.455	ng/ul	100
51) 3-Nitroaniline	14.281	138	107867	8.805	ng/ul	99
52) Acenaphthene	14.404	153	1073977	19.690	ng/ul	98
53) 2,4-Dinitrophenol	14.487	184	28773	9.397	ng/ul	95
55) 4-Nitrophenol	14.592	109	53264	12.038	ng/ul	91
56) Dibenzofuran	14.745	168	1422763	19.550	ng/ul	98
57) 2,4-Dinitrotoluene	14.722	165	324494	18.889	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.975	232	262292	19.344	ng/ul	99
59) Diethylphthalate	15.181	149	1272685	19.667	ng/ul	99
61) Fluorene	15.392	166	1181622	19.479	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.398	204	556051	18.942	ng/ul	98
63) 4-Nitroaniline	15.445	138	131278	11.192	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	159609	19.352	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	946369	19.317	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	304887	17.959	ng/ul	98
69) Hexachlorobenzene	16.392	284	398424	19.983	ng/ul	98
70) Atrazine	16.569	200	304614	20.301	ng/ul	94
71) Pentachlorophenol	16.745	266	192858	19.285	ng/ul	98
72) Phenanthrene	17.134	178	1749119	19.640	ng/ul	99
74) Anthracene	17.228	178	1770325	19.033	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	474196	19.501	ng/ul	97
76) Pentachlorobenzene	14.663	250	469220	19.691	ng/ul	99
77) Carbazole	17.510	167	1338559	17.567	ng/ul	99
78) Di-n-butylphthalate	18.081	149	2006340	19.709	ng/ul	100
80) Fluoranthene	19.163	202	1893431	19.712	ng/ul	98
82) Pyrene	19.528	202	1930364	19.484	ng/ul	98
83) Butylbenzylphthalate	20.451	149	800348	19.346	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.233	252	443599	17.993	ng/ul	99
85) Benzo(a)anthracene	21.286	228	1651552	19.354	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	1148562	19.748	ng/ul	100
87) Chrysene	21.345	228	1741712	19.732	ng/ul	97
89) Di-n-octyl phthalate	22.133	149	1856399	20.025	ng/ul	100
90) Benzo(b)fluoranthene	22.910	252	1533152	19.734	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	1613961	18.518	ng/ul	96
93) Benzo(a)pyrene	23.504	252	1470199	19.017	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.962	276	1704540	18.866	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	1319239	17.712	ng/ul	98
96) Benzo(g,h,i)perylene	26.686	276	1388534	19.477	ng/ul	99

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

