

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017237.D
 Acq On : 02 Nov 2021 12:35
 Operator : CG/JU
 Sample : SSTD02038
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02038

Quant Time: Nov 02 13:12:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 13:12:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
 Supervised By :mohammad ahmed 11/08/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	260418	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	1292103	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	874091	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.922	188	1864019	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1781025	20.000	ng/u1	0.00
88) Perylene-d12	23.333	264	1709238	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	37921	5.275	ng/uL	0.00
4) Pyridine-d5	3.428	84	254087	13.195	ng/u1	0.00
7) Phenol-d5	6.699	99	327594	13.538	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.864	67	203076	14.139	ng/u1	0.00
11) 2-Chlorophenol-d4	7.046	132	272541	14.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	276687	14.006	ng/u1	0.00
21) Nitrobenzene-d5	8.664	128	135104	13.501	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	152520	13.768	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	275623	13.580	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	399721	13.223	ng/u1	0.00
46) Dimethylphthalate-d6	13.593	166	869996	13.295	ng/u1	0.00
49) Acenaphthylene-d8	13.857	160	1107239	13.423	ng/u1	0.00
54) 4-Nitrophenol-d4	14.393	143	162334	12.573	ng/u1	0.00
60) Fluorene-d10	15.169	176	752853	13.470	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	148098	12.270	ng/u1	0.00
73) Anthracene-d10	17.022	188	1167059	12.968	ng/u1	0.00
81) Pyrene-d10	19.328	212	1361241	13.032	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.192	264	1475560	16.243	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.070	88	37833	5.321	ng/uL	100
5) Pyridine	3.446	79	258148	13.247	ng/u1	100
6) Benzaldehyde	6.664	77	206115	14.295	ng/u1	100
8) Phenol	6.728	94	337156	13.773	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.952	93	273491	14.218	ng/u1	100
12) 2-Chlorophenol	7.075	128	275024	13.975	ng/u1	100
13) 2-Methylphenol	7.964	108	257420	13.821	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.052	45	412672m	14.623	ng/u1	
16) Acetophenone	8.328	105	438122	14.965	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.322	70	217667	14.810	ng/u1	100
18) 4-Methylphenol	8.293	108	290014	14.095	ng/u1	100
19) Hexachloroethane	8.575	117	108383	14.300	ng/u1	100
22) Nitrobenzene	8.705	77	306474	13.620	ng/u1	100
23) Isophorone	9.228	82	608712	13.324	ng/u1	100
25) 2-Nitrophenol	9.411	139	166921	13.839	ng/u1	100
26) 2,4-Dimethylphenol	9.487	107	324247	13.414	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.722	93	392318	13.426	ng/u1	100
29) 2,4-Dichlorophenol	9.940	162	277423	13.763	ng/u1	100
30) Naphthalene	10.334	128	956568	13.607	ng/u1	100
32) 4-Chloroaniline	10.458	127	410787	13.737	ng/u1	100
33) Hexachlorobutadiene	10.622	225	168085	13.694	ng/u1	100
34) Caprolactam	11.205	113	92987	12.821	ng/u1	100
35) 4-Chloro-3-methylphenol	11.599	107	304212	13.565	ng/u1	100
36) 2-Methylnaphthalene	11.963	142	657704	13.551	ng/u1	100

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37) 1-Methylnaphthalene	12.181	142	686150	13.724	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.340	216	343039	13.465	ng/ul	100
40) Hexachlorocyclopentadiene	12.316	237	203120	12.544	ng/ul	100
41) 2,4,6-Trichlorophenol	12.587	196	223578	13.535	ng/ul	100
42) 2,4,5-Trichlorophenol	12.657	196	245889	13.367	ng/ul	100
43) 1,1'-Biphenyl	12.999	154	899445	13.290	ng/ul	100
44) 2-Chloronaphthalene	13.034	162	689241	13.372	ng/ul	100
45) 2-Nitroaniline	13.246	65	186296	13.278	ng/ul	100
47) Dimethylphthalate	13.640	163	868457	13.215	ng/ul	100
48) 2,6-Dinitrotoluene	13.757	165	169366	13.124	ng/ul	100
50) Acenaphthylene	13.887	152	1156403	13.687	ng/ul	100
51) 3-Nitroaniline	14.087	138	181969	12.183	ng/ul	100
52) Acenaphthene	14.234	153	733863	13.433	ng/ul	100
53) 2,4-Dinitrophenol	14.299	184	93348	11.310	ng/ul	100
55) 4-Nitrophenol	14.410	109	114880	12.608	ng/ul	100
56) Dibenzofuran	14.569	168	1053662	13.508	ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	251091	13.492	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.804	232	201428	13.264	ng/ul	100
59) Diethylphthalate	15.022	149	869047	13.261	ng/ul	100
61) Fluorene	15.222	166	839368	13.651	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.228	204	416808	13.786	ng/ul	100
63) 4-Nitroaniline	15.257	138	189851	12.863	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.316	198	152084	12.629	ng/ul	100
67) N-Nitrosodiphenylamine	15.445	169	745802	13.145	ng/ul	100
68) 4-Bromophenyl-phenylether	16.122	248	261773	13.178	ng/ul	100
69) Hexachlorobenzene	16.228	284	303833	13.144	ng/ul	100
70) Atrazine	16.410	200	268232	12.884	ng/ul	100
71) Pentachlorophenol	16.581	266	174819	12.598	ng/ul	100
72) Phenanthrene	16.963	178	1362708	13.268	ng/ul	100
74) Anthracene	17.057	178	1384915	13.316	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	352166	12.924	ng/ul	100
76) Pentachlorobenzene	14.493	250	362744	13.146	ng/ul	100
77) Carbazole	17.334	167	1234631	13.446	ng/ul	100
78) Di-n-butylphthalate	17.922	149	1483979	13.672	ng/ul	100
80) Fluoranthene	18.992	202	1617614	12.968	ng/ul	100
82) Pyrene	19.357	202	1674513	13.115	ng/ul	100
83) Butylbenzylphthalate	20.292	149	680479	14.314	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.069	252	585751	14.774	ng/ul	100
85) Benzo(a)anthracene	21.122	228	1679737	14.327	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.080	149	1081622	15.075	ng/ul	100
87) Chrysene	21.175	228	1652730	14.302	ng/ul	100
89) Di-n-octyl phthalate	21.951	149	1845556	14.773	ng/ul	100
90) Benzo(b)fluoranthene	22.675	252	1838108	15.929	ng/ul	100
91) Benzo(k)fluoranthene	22.722	252	1762479	15.702	ng/ul	100
93) Benzo(a)pyrene	23.239	252	1791179	16.132	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.545	276	2027273	17.898	ng/ul	100
95) Dibenzo(a,h)anthracene	25.563	278	1754146	18.321	ng/ul	100
96) Benzo(g,h,i)perylene	26.221	276	1690126	17.821	ng/ul	100

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

