

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021622\
 Data File : BN018621.D
 Acq On : 16 Feb 2022 14:49
 Operator : CG/JU
 Sample : SSTD04034
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040234

Quant Time: Feb 16 16:11:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 15:18:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/17/2022
 Supervised By :mohammad ahmed 02/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	216205	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	877740	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	546656	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1128562	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	974695	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	859831	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	82440	16.803	ng/uL	0.00
4) Pyridine-d5	3.699	84	584702	35.166	ng/u1	0.00
7) Phenol-d5	7.069	99	702058	40.069	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	433731	40.761	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	563301	40.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	562314	41.625	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	275953	41.844	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	303024	42.568	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	547223	39.967	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	748799	41.799	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1603098	40.986	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	2006041	37.453	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	289335	43.912	ng/u1	0.01
60) Fluorene-d10	15.539	176	1315015	39.760	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	270441	39.709	ng/u1	0.00
73) Anthracene-d10	17.386	188	2056686	37.338	ng/u1	0.00
81) Pyrene-d10	19.675	212	2306823	48.432	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.716	264	1752073	37.859	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	89530	14.210	ng/uL	95
5) Pyridine	3.717	79	591501	36.246	ng/u1	97
6) Benzaldehyde	7.046	77	416486	42.432	ng/u1	94
8) Phenol	7.099	94	729654	41.100	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.334	93	593964	40.596	ng/u1	97
12) 2-Chlorophenol	7.475	128	582256	40.589	ng/u1	94
13) 2-Methylphenol	8.352	108	552152	41.921	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	806330	41.099	ng/u1	99
16) Acetophenone	8.740	105	877864	43.263	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.728	70	453023	43.878	ng/u1#	93
18) 4-Methylphenol	8.687	108	593339	41.646	ng/u1	100
19) Hexachloroethane	9.005	117	252704	42.034	ng/u1	94
22) Nitrobenzene	9.116	77	677545	40.681	ng/u1	96
23) Isophorone	9.646	82	1285033	45.047	ng/u1	95
25) 2-Nitrophenol	9.834	139	328974	41.871	ng/u1	95
26) 2,4-Dimethylphenol	9.893	107	673738	40.518	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.128	93	783737	40.870	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	556234	39.044	ng/u1	97
30) Naphthalene	10.775	128	1806102	37.342	ng/u1	100
32) 4-Chloroaniline	10.875	127	765999	41.465	ng/u1	99
33) Hexachlorobutadiene	11.069	225	393768	39.458	ng/u1	98
34) Caprolactam	11.634	113	168680m	45.332	ng/u1	
35) 4-Chloro-3-methylphenol	11.999	107	605956	42.876	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	1246247	40.485	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021622\
 Data File : BN018621.D
 Acq On : 16 Feb 2022 14:49
 Operator : CG/JU
 Sample : SST04034
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD040234

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/17/2022
 Supervised By :mohammad ahmed 02/18/2022

Quant Time: Feb 16 16:11:03 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Feb 16 15:18:48 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1253919	38.558	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.751	216	675948	34.353	ng/ul#	96
40) Hexachlorocyclopentadiene	12.740	237	478039	39.547	ng/ul	96
41) 2,4,6-Trichlorophenol	12.987	196	441972	40.676	ng/ul	98
42) 2,4,5-Trichlorophenol	13.057	196	480094	41.175	ng/ul	97
43) 1,1'-Biphenyl	13.387	154	1689105	36.229	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	1288787	35.763	ng/ul	94
45) 2-Nitroaniline	13.622	65	389856	47.142	ng/ul	94
47) Dimethylphthalate	14.004	163	1630829	42.181	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	334999	47.458	ng/ul	100
50) Acenaphthylene	14.275	152	2065657	39.624	ng/ul	100
51) 3-Nitroaniline	14.445	138	337671	48.110	ng/ul	84
52) Acenaphthene	14.616	153	1318566	39.113	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	192030	42.629	ng/ul	91
55) 4-Nitrophenol	14.751	109	259209	43.140	ng/ul	84
56) Dibenzofuran	14.951	168	1891551	38.792	ng/ul	93
57) 2,4-Dinitrotoluene	14.904	165	482616	46.320	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.169	232	392573	45.193	ng/ul#	89
59) Diethylphthalate	15.369	149	1653106	42.046	ng/ul	98
61) Fluorene	15.598	166	1436948	35.991	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.587	204	747484	36.304	ng/ul	91
63) 4-Nitroaniline	15.604	138	298296	52.518	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.669	198	282780	38.175	ng/ul	95
67) N-Nitrosodiphenylamine	15.798	169	1318624	33.367	ng/ul	98
68) 4-Bromophenyl-phenylether	16.481	248	486274	40.402	ng/ul	87
69) Hexachlorobenzene	16.604	284	539023	33.463	ng/ul	90
70) Atrazine	16.745	200	514184	37.415	ng/ul	99
71) Pentachlorophenol	16.939	266	330987	36.018	ng/ul	98
72) Phenanthrene	17.334	178	2394829	35.091	ng/ul	99
74) Anthracene	17.422	178	2372081	35.184	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	754170	32.593	ng/ul	98
76) Pentachlorobenzene	14.875	250	643744	31.779	ng/ul	99
77) Carbazole	17.686	167	2116074	35.912	ng/ul	98
78) Di-n-butylphthalate	18.257	149	2811410	44.714	ng/ul	99
80) Fluoranthene	19.345	202	2801586	49.348	ng/ul	99
82) Pyrene	19.710	202	2759207	44.194	ng/ul	99
83) Butylbenzylphthalate	20.604	149	1195865	77.524	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.380	252	807529	46.870	ng/ul	98
85) Benzo(a)anthracene	21.451	228	2533283	42.331	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1717064	48.285	ng/ul	97
87) Chrysene	21.504	228	2425294	47.937	ng/ul	97
89) Di-n-octyl phthalate	22.304	149	2805927	46.391	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	2366815	38.161	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	2133517	38.870	ng/ul	98
93) Benzo(a)pyrene	23.763	252	2141236	36.561	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.362	276	2233261	33.577	ng/ul	97
95) Dibenzo(a,h)anthracene	26.374	278	1944624	34.510	ng/ul	97
96) Benzo(g,h,i)perylene	27.121	276	1886374	33.267	ng/ul	97

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

