

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010622\
 Data File : BN018348.D
 Acq On : 06 Jan 2022 11:45
 Operator : CG/JU
 Sample : SSTD04012
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD040212

Quant Time: Jan 06 12:45:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 06 12:42:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
 Supervised By :mohammad ahmed 01/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	490691	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	2243509	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.239	164	1371402	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.980	188	2735007	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.180	240	2481514	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	2794736	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	183354	13.792	ng/uL	0.00
4) Pyridine-d5	3.463	84	1523864	39.385	ng/u1	0.00
7) Phenol-d5	6.781	99	1902501	39.652	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	1195591	38.505	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	1406124	42.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	1492002	40.102	ng/u1	0.00
21) Nitrobenzene-d5	8.745	128	713670	51.138	ng/u1	0.00
24) 2-Nitrophenol-d4	9.463	143	784467	49.454	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	1325249	34.798	ng/u1	0.00
31) 4-Chloroaniline-d4	10.516	131	1994058	39.925	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	3964927	38.263	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	5014895	39.235	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	795234	45.228	ng/u1	0.01
60) Fluorene-d10	15.233	176	3237940	35.846	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	635579	43.583	ng/u1	0.00
73) Anthracene-d10	17.080	188	4840278	37.763	ng/u1	0.00
81) Pyrene-d10	19.380	212	5378735	39.849	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.256	264	5507966	37.837	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	208340	15.246	ng/uL	98
5) Pyridine	3.481	79	1564306	39.947	ng/u1	96
6) Benzaldehyde	6.734	77	1175801	44.073	ng/u1	96
8) Phenol	6.810	94	1975308	40.048	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.028	93	1587372	39.874	ng/u1	98
12) 2-Chlorophenol	7.163	128	1489536	43.813	ng/u1	94
13) 2-Methylphenol	8.051	108	1497967	41.255	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.134	45	2090356	38.516	ng/u1	98
16) Acetophenone	8.410	105	2257204	39.023	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.410	70	1232765	38.988	ng/u1	93
18) 4-Methylphenol	8.381	108	1609294	40.826	ng/u1	100
19) Hexachloroethane	8.663	117	597118	43.258	ng/u1#	77
22) Nitrobenzene	8.787	77	1786817	42.644	ng/u1	96
23) Isophorone	9.316	82	3661120	37.406	ng/u1	98
25) 2-Nitrophenol	9.498	139	843956	46.645	ng/u1	98
26) 2,4-Dimethylphenol	9.575	107	1785173	39.588	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.804	93	2197683	38.180	ng/u1	99
29) 2,4-Dichlorophenol	10.034	162	1352997	36.108	ng/u1	97
30) Naphthalene	10.428	128	4718393	39.470	ng/u1	100
32) 4-Chloroaniline	10.540	127	2022517	39.996	ng/u1	99
33) Hexachlorobutadiene	10.722	225	710611	26.243	ng/u1	99
34) Caprolactam	11.292	113	518564m	38.416	ng/u1	
35) 4-Chloro-3-methylphenol	11.687	107	1705494	39.817	ng/u1	96
36) 2-Methylnaphthalene	12.045	142	3176707	37.468	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	3280824	37.800	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.428	216	1421239	31.054	ng/ul#	96
40) Hexachlorocyclopentadiene	12.410	237	834183	35.794	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	1002942	34.949	ng/ul	98
42) 2,4,5-Trichlorophenol	12.739	196	1053320	33.763	ng/ul	93
43) 1,1'-Biphenyl	13.075	154	4198272	40.939	ng/ul	100
44) 2-Chloronaphthalene	13.110	162	3117917	38.983	ng/ul	94
45) 2-Nitroaniline	13.316	65	1125988	63.202	ng/ul	96
47) Dimethylphthalate	13.710	163	3998067	39.524	ng/ul	98
48) 2,6-Dinitrotoluene	13.828	165	829582	58.456	ng/ul	97
50) Acenaphthylene	13.957	152	5135512	40.618	ng/ul	99
51) 3-Nitroaniline	14.151	138	948322	57.090	ng/ul	88
52) Acenaphthene	14.304	153	3337694	40.473	ng/ul	98
53) 2,4-Dinitrophenol	14.363	184	446537	40.571	ng/ul	93
55) 4-Nitrophenol	14.475	109	673103	46.166	ng/ul	93
56) Dibenzofuran	14.639	168	4700722	38.077	ng/ul	92
57) 2,4-Dinitrotoluene	14.616	165	1192860	51.909	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.875	232	838444	30.396	ng/ul#	79
59) Diethylphthalate	15.080	149	4090534	42.633	ng/ul	98
61) Fluorene	15.292	166	3473857	36.905	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.292	204	1538961	30.101	ng/ul#	86
63) 4-Nitroaniline	15.316	138	889443	56.206	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.380	198	648549	44.068	ng/ul#	89
67) N-Nitrosodiphenylamine	15.504	169	3252356	42.741	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	1061422	35.181	ng/ul#	87
69) Hexachlorobenzene	16.298	284	1216777	34.932	ng/ul#	90
70) Atrazine	16.463	200	1131173	39.165	ng/ul	95
71) Pentachlorophenol	16.645	266	718964	33.471	ng/ul	98
72) Phenanthrene	17.027	178	5768485	40.036	ng/ul	98
74) Anthracene	17.116	178	5827480	40.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	1541440	35.949	ng/ul	97
76) Pentachlorobenzene	14.563	250	1417769	34.050	ng/ul	97
77) Carbazole	17.386	167	5536841	46.201	ng/ul	96
78) Di-n-butylphthalate	17.969	149	7086186	54.677	ng/ul	99
80) Fluoranthene	19.045	202	6621321	43.805	ng/ul#	89
82) Pyrene	19.410	202	6653375	43.234	ng/ul#	86
83) Butylbenzylphthalate	20.327	149	3095868	87.064	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.098	252	2195394	46.750	ng/ul#	98
85) Benzo(a)anthracene	21.163	228	6274497	39.989	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.115	149	4625075	81.295	ng/ul#	94
87) Chrysene	21.215	228	6002215	39.658	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	8062878	73.792	ng/ul	100
90) Benzo(b)fluoranthene	22.733	252	6933124	39.070	ng/ul#	95
91) Benzo(k)fluoranthene	22.774	252	6265082	37.505	ng/ul#	94
93) Benzo(a)pyrene	23.304	252	6499138	37.366	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.656	276	7503162	37.472	ng/ul#	92
95) Dibenzo(a,h)anthracene	25.680	278	6466816	38.443	ng/ul#	94
96) Benzo(g,h,i)perylene	26.350	276	6512495	37.516	ng/ul#	91

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

