

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060622\
 Data File : BN020019.D
 Acq On : 06 Jun 2022 12:45
 Operator : CG/JU
 Sample : SST02019
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST020219

Quant Time: Jun 06 14:38:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 14:35:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2022
 Supervised By :mohammad ahmed 06/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	143889	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	660595	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	428543	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	913925	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	848425	20.000	ng/u1	0.00
88) Perylene-d12	23.709	264	878257	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	25310	6.638	ng/uL	0.00
4) Pyridine-d5	3.687	84	176480	18.278	ng/u1	0.00
7) Phenol-d5	6.987	99	228674	18.339	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	147904	20.449	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	192383	19.451	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	200647	21.005	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	99476	20.653	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	106530	22.443	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	186718	19.651	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	300445	20.830	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	620424	21.078	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	734671	18.460	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	123730	21.614	ng/u1	0.00
60) Fluorene-d10	15.439	176	518104	19.940	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	102148	21.893	ng/u1	0.00
73) Anthracene-d10	17.292	188	801275	18.617	ng/u1	0.00
81) Pyrene-d10	19.586	212	915139	18.761	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	863536	19.234	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	26227	6.745	ng/uL#	88
5) Pyridine	3.711	79	183067	17.993	ng/u1	93
6) Benzaldehyde	6.963	77	138783	21.716	ng/u1	91
8) Phenol	7.016	94	248557	19.809	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.246	93	196959	20.230	ng/u1	99
12) 2-Chlorophenol	7.387	128	199783	19.890	ng/u1	98
13) 2-Methylphenol	8.263	108	189532	20.401	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.357	45	310020	22.157	ng/u1	97
16) Acetophenone	8.640	105	321742	22.445	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.628	70	165137	24.753	ng/u1	94
18) 4-Methylphenol	8.593	108	214144	21.528	ng/u1	96
19) Hexachloroethane	8.904	117	80097	19.671	ng/u1	91
22) Nitrobenzene	9.016	77	233863	20.594	ng/u1	96
23) Isophorone	9.540	82	464561	22.938	ng/u1	99
25) 2-Nitrophenol	9.728	139	118721	22.149	ng/u1	98
26) 2,4-Dimethylphenol	9.793	107	246775	20.668	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.028	93	279351	20.975	ng/u1	97
29) 2,4-Dichlorophenol	10.263	162	193180	20.279	ng/u1	99
30) Naphthalene	10.663	128	686257	19.397	ng/u1	99
32) 4-Chloroaniline	10.769	127	303041	20.903	ng/u1	97
33) Hexachlorobutadiene	10.957	225	109541	19.167	ng/u1	100
34) Caprolactam	11.516	113	73136m	27.147	ng/u1	
35) 4-Chloro-3-methylphenol	11.898	107	232597	23.068	ng/u1	100
36) 2-Methylnaphthalene	12.275	142	465388	20.439	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	469193	20.583	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.651	216	214162	18.011	ng/ul	97
40) Hexachlorocyclopentadiene	12.634	237	127448	17.419	ng/ul	95
41) 2,4,6-Trichlorophenol	12.887	196	152695	20.585	ng/ul	92
42) 2,4,5-Trichlorophenol	12.957	196	168053	20.866	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	632626	18.671	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	484366	18.711	ng/ul	97
45) 2-Nitroaniline	13.528	65	152560	24.559	ng/ul	92
47) Dimethylphthalate	13.910	163	627840	21.479	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	124657	24.721	ng/ul	93
50) Acenaphthylene	14.169	152	811044	19.836	ng/ul	100
51) 3-Nitroaniline	14.351	138	136179	26.348	ng/ul	100
52) Acenaphthene	14.516	153	520891	19.466	ng/ul	97
53) 2,4-Dinitrophenol	14.557	184	69783	24.948	ng/ul	91
55) 4-Nitrophenol	14.657	109	104620	22.999	ng/ul	97
56) Dibenzofuran	14.851	168	737558	19.731	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	187609	25.586	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.075	232	133379	22.704	ng/ul	90
59) Diethylphthalate	15.275	149	652661	22.701	ng/ul	97
61) Fluorene	15.498	166	580041	19.989	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.492	204	265219	20.214	ng/ul	94
63) 4-Nitroaniline	15.510	138	136926	30.911	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.575	198	107303	22.612	ng/ul	97
67) N-Nitrosodiphenylamine	15.704	169	522661	18.638	ng/ul	99
68) 4-Bromophenyl-phenylether	16.386	248	161045	18.757	ng/ul	92
69) Hexachlorobenzene	16.504	284	174768	18.097	ng/ul#	84
70) Atrazine	16.657	200	183749	20.541	ng/ul	98
71) Pentachlorophenol	16.845	266	111017	18.943	ng/ul	93
72) Phenanthrene	17.233	178	948279	18.567	ng/ul	99
74) Anthracene	17.327	178	960382	18.824	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.251	216	229559	16.294	ng/ul	99
76) Pentachlorobenzene	14.775	250	214244	17.456	ng/ul	96
77) Carbazole	17.592	167	913638	19.698	ng/ul	98
78) Di-n-butylphthalate	18.163	149	1101905	22.209	ng/ul	99
80) Fluoranthene	19.251	202	1089723	18.952	ng/ul	98
82) Pyrene	19.616	202	1120269	18.705	ng/ul	95
83) Butylbenzylphthalate	20.521	149	509501	22.998	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.298	252	358678	21.050	ng/ul#	96
85) Benzo(a)anthracene	21.363	228	1087666	20.016	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.304	149	740212	21.775	ng/ul#	99
87) Chrysene	21.421	228	1027188	19.244	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	1310851	21.802	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1081777	19.040	ng/ul#	97
91) Benzo(k)fluoranthene	23.051	252	1049383m	20.362	ng/ul	
93) Benzo(a)pyrene	23.609	252	1059108	19.630	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.098	276	1097564	17.751	ng/ul	93
95) Dibenzo(a,h)anthracene	26.121	278	945757	17.889	ng/ul	95
96) Benzo(g,h,i)perylene	26.845	276	932260	17.142	ng/ul#	93

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

