

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030323\
 Data File : BN024120.D
 Acq On : 03 Mar 2023 09:50
 Operator : CG/JU
 Sample : SST01078
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST010246

Quant Time: Mar 03 23:06:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030323.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 03 23:03:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/06/2023
 Supervised By :Jagrut Upadhyay 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	258608	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1099802	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	673272	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1440331	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	1337771	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	1502914	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	26874	4.240	ng/uL	0.00
4) Pyridine-d5	3.834	84	178575	10.677	ng/ul	0.00
7) Phenol-d5	7.199	99	217371	10.445	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	147311	11.538	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	169217	9.750	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	169146	10.409	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	60504	7.716	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	65135	7.679	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	158525	8.883	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	241596	10.193	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	515039	10.067	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	599322	9.666	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	84200	9.439	ng/ul	0.00
60) Fluorene-d10	15.687	176	429633	9.665	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	52171	7.471	ng/ul	0.00
73) Anthracene-d10	17.539	188	677668	9.928	ng/ul	0.00
81) Pyrene-d10	19.827	212	767265	9.760	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	697911	8.850	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	27922	4.049	ng/uL	94
5) Pyridine	3.858	79	188888	11.053	ng/ul	99
6) Benzaldehyde	7.187	77	133022m	12.805	ng/ul	
8) Phenol	7.228	94	231874	10.934	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.475	93	193191	11.289	ng/ul	99
12) 2-Chlorophenol	7.616	128	178960	10.191	ng/ul	99
13) 2-Methylphenol	8.493	108	167099	10.434	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.593	45	305544	13.083	ng/ul	99
16) Acetophenone	8.887	105	292246	11.921	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.869	70	135416	10.990	ng/ul	98
18) 4-Methylphenol	8.822	108	185570	10.899	ng/ul	96
19) Hexachloroethane	9.152	117	69041	9.738	ng/ul	97
22) Nitrobenzene	9.269	77	182942	9.470	ng/ul	99
23) Isophorone	9.793	82	414805	10.485	ng/ul	99
25) 2-Nitrophenol	9.987	139	81735	8.707	ng/ul	98
26) 2,4-Dimethylphenol	10.040	107	198783	9.834	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.281	93	257261	10.658	ng/ul	100
29) 2,4-Dichlorophenol	10.516	162	163661	9.325	ng/ul	99
30) Naphthalene	10.928	128	597697	9.965	ng/ul	100
32) 4-Chloroaniline	11.034	127	248341	10.514	ng/ul	97
33) Hexachlorobutadiene	11.222	225	102818	8.536	ng/ul	91
34) Caprolactam	11.793	113	50013m	9.597	ng/ul	
35) 4-Chloro-3-methylphenol	12.146	107	181027	10.144	ng/ul	99
36) 2-Methylnaphthalene	12.534	142	394764	10.178	ng/ul	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	399767	10.424	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.893	216	201856	8.744	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	84808	6.938	ng/ul	97
41) 2,4,6-Trichlorophenol	13.128	196	129238	8.709	ng/ul	97
42) 2,4,5-Trichlorophenol	13.193	196	136192	8.592	ng/ul	96
43) 1,1'-Biphenyl	13.534	154	531397	9.696	ng/ul	99
44) 2-Chloronaphthalene	13.575	162	413538	9.544	ng/ul	98
45) 2-Nitroaniline	13.775	65	70482	8.804	ng/ul	92
47) Dimethylphthalate	14.145	163	519079	10.198	ng/ul	99
48) 2,6-Dinitrotoluene	14.269	165	59751	8.584	ng/ul	92
50) Acenaphthylene	14.416	152	656499	10.008	ng/ul	99
51) 3-Nitroaniline	14.592	138	75210	9.043	ng/ul	99
52) Acenaphthene	14.757	153	450579	10.103	ng/ul	99
53) 2,4-Dinitrophenol	14.792	184	30018	6.248	ng/ul	97
55) 4-Nitrophenol	14.881	109	67850	9.672	ng/ul	96
56) Dibenzofuran	15.092	168	634884	10.249	ng/ul	95
57) 2,4-Dinitrotoluene	15.045	165	102123	9.916	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.310	232	120399	9.131	ng/ul	96
59) Diethylphthalate	15.510	149	510275	10.398	ng/ul	99
61) Fluorene	15.739	166	511040	10.432	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.734	204	242729	9.776	ng/ul	97
63) 4-Nitroaniline	15.751	138	78802m	10.627	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.804	198	58619	8.229	ng/ul#	94
67) N-Nitrosodiphenylamine	15.945	169	420578	9.782	ng/ul	98
68) 4-Bromophenyl-phenylether	16.628	248	138840	8.598	ng/ul	99
69) Hexachlorobenzene	16.745	284	172979	9.239	ng/ul	99
70) Atrazine	16.892	200	130046	8.961	ng/ul	98
71) Pentachlorophenol	17.081	266	93772	8.009	ng/ul	95
72) Phenanthrene	17.481	178	794938	9.964	ng/ul	98
74) Anthracene	17.575	178	811626	10.091	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.498	216	204465	8.352	ng/uL	91
76) Pentachlorobenzene	15.010	250	204334	8.992	ng/uL	91
77) Carbazole	17.839	167	734691	10.591	ng/ul	99
78) Di-n-butylphthalate	18.410	149	794040	10.013	ng/ul	100
80) Fluoranthene	19.492	202	867021	9.332	ng/ul	99
82) Pyrene	19.857	202	958837	10.016	ng/ul	98
83) Butylbenzylphthalate	20.751	149	186708	12.683	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.545	252	211835	7.616	ng/ul	98
85) Benzo(a)anthracene	21.616	228	940641	10.012	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.539	149	327762	12.103	ng/ul	99
87) Chrysene	21.674	228	896521	10.013	ng/ul	93
89) Di-n-octyl phthalate	22.510	149	540383	8.643	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	912397	9.481	ng/ul	99
91) Benzo(k)fluoranthene	23.439	252	910535	9.713	ng/ul	97
93) Benzo(a)pyrene	24.039	252	811589	9.382	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	1019262m	8.884	ng/ul	
95) Dibenzo(a,h)anthracene	26.839	278	819999m	8.723	ng/ul	
96) Benzo(g,h,i)perylene	27.633	276	840277m	8.873	ng/ul	

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

