

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
 Data File : BN024820.D
 Acq On : 10 Apr 2023 11:55
 Operator : CG/JU
 Sample : SST01090
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST010212

Quant Time: Apr 11 02:39:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 10 15:00:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
 Supervised By :Jagrut Upadhyay 04/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	390253	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1745639	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.593	164	1088625	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.334	188	2277425	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	2124389	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	2310070	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	39867	3.912	ng/uL	0.00
4) Pyridine-d5	3.740	84	290114	9.449	ng/u1	0.00
7) Phenol-d5	7.099	99	352214	9.257	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	249920	9.821	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	269183	9.627	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	279875	9.266	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	131603	9.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	142264	9.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	265269	9.694	ng/u1	0.00
31) 4-Chloroaniline-d4	10.899	131	395490	9.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	827676	9.807	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	943486	9.756	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	151599	8.763	ng/u1	0.00
60) Fluorene-d10	15.581	176	712537	10.000	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	121515	8.199	ng/u1	0.00
73) Anthracene-d10	17.434	188	1067274	9.978	ng/u1	0.00
81) Pyrene-d10	19.728	212	1207324	9.787	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1203862	9.967	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	43679	3.947	ng/uL	98
5) Pyridine	3.764	79	295836	9.326	ng/u1	94
6) Benzaldehyde	7.081	77	217998m	11.706	ng/u1	
8) Phenol	7.128	94	373855	9.435	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.364	93	303378	9.752	ng/u1	98
12) 2-Chlorophenol	7.505	128	282136	9.661	ng/u1	98
13) 2-Methylphenol	8.387	108	269807	9.274	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	609363	9.976	ng/u1	98
16) Acetophenone	8.775	105	472001	9.883	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.758	70	249350	9.679	ng/u1	99
18) 4-Methylphenol	8.716	108	304490	9.412	ng/u1	92
19) Hexachloroethane	9.028	117	112246	9.524	ng/u1	100
22) Nitrobenzene	9.158	77	370772	9.762	ng/u1	98
23) Isophorone	9.681	82	660661	9.476	ng/u1	100
25) 2-Nitrophenol	9.869	139	156447	9.473	ng/u1	97
26) 2,4-Dimethylphenol	9.928	107	337462	9.705	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	428129	9.868	ng/u1	99
29) 2,4-Dichlorophenol	10.405	162	266919	9.719	ng/u1	98
30) Naphthalene	10.810	128	964314	9.891	ng/u1	99
32) 4-Chloroaniline	10.922	127	407622	9.696	ng/u1	97
33) Hexachlorobutadiene	11.093	225	158399	9.895	ng/u1	95
34) Caprolactam	11.687	113	81746m	8.499	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	309482	9.611	ng/u1	99
36) 2-Methylnaphthalene	12.416	142	633044	9.825	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	638201	9.922	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	314069	9.891	ng/ul	96
40) Hexachlorocyclopentadiene	12.763	237	173643	8.968	ng/ul	96
41) 2,4,6-Trichlorophenol	13.022	196	209251	9.645	ng/ul	96
42) 2,4,5-Trichlorophenol	13.093	196	230242	9.697	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	859910	9.914	ng/ul	97
44) 2-Chloronaphthalene	13.469	162	662035	9.830	ng/ul	98
45) 2-Nitroaniline	13.675	65	215232	9.152	ng/ul	100
47) Dimethylphthalate	14.046	163	837324	9.861	ng/ul	98
48) 2,6-Dinitrotoluene	14.169	165	150001	9.050	ng/ul	96
50) Acenaphthylene	14.310	152	1059350	9.973	ng/ul	99
51) 3-Nitroaniline	14.498	138	161159	9.253	ng/ul	98
52) Acenaphthene	14.651	153	727656	9.909	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	72678	6.820	ng/ul	90
55) 4-Nitrophenol	14.798	109	127886	9.083	ng/ul	97
56) Dibenzofuran	14.987	168	1002765	9.907	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	224534	9.359	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	193965	9.921	ng/ul	99
59) Diethylphthalate	15.404	149	835465	9.792	ng/ul	98
61) Fluorene	15.634	166	818365	10.052	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.628	204	385338	10.169	ng/ul	96
63) 4-Nitroaniline	15.657	138	157072	9.295	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.716	198	124163	8.552	ng/ul#	95
67) N-Nitrosodiphenylamine	15.845	169	695464	10.066	ng/ul	96
68) 4-Bromophenyl-phenylether	16.522	248	229464	10.024	ng/ul	94
69) Hexachlorobenzene	16.639	284	258070	9.957	ng/ul	97
70) Atrazine	16.792	200	222589	9.468	ng/ul	98
71) Pentachlorophenol	16.987	266	147228	9.139	ng/ul	91
72) Phenanthrene	17.381	178	1275576	9.925	ng/ul	99
74) Anthracene	17.469	178	1308060	10.101	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.393	216	322728	9.963	ng/uL	98
76) Pentachlorobenzene	14.904	250	309314	9.981	ng/uL	97
77) Carbazole	17.739	167	1173547	10.036	ng/ul	100
78) Di-n-butylphthalate	18.298	149	1326064	9.554	ng/ul	99
80) Fluoranthene	19.392	202	1431076	9.679	ng/ul	99
82) Pyrene	19.757	202	1559321	10.020	ng/ul	98
83) Butylbenzylphthalate	20.657	149	589196	9.119	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	435617	8.937	ng/ul	99
85) Benzo(a)anthracene	21.516	228	1510368	9.899	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	905310	9.386	ng/ul	99
87) Chrysene	21.569	228	1434883	9.873	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	1493729	9.409	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1495026	9.868	ng/ul	95
91) Benzo(k)fluoranthene	23.274	252	1502941	10.082	ng/ul	99
93) Benzo(a)pyrene	23.863	252	1290801	9.732	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.504	276	1562054m	9.897	ng/ul	
95) Dibenzo(a,h)anthracene	26.527	278	1314144m	10.064	ng/ul	
96) Benzo(g,h,i)perylene	27.298	276	1260189m	9.892	ng/ul	

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

