

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024581.D
 Acq On : 28 Mar 2023 12:07
 Operator : CG/JU
 Sample : SST02085
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST020205

Quant Time: Mar 29 02:47:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	641227	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	2810818	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1759175	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	3752865	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	3501860	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	4023583	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	77086	4.661	ng/uL	0.00
4) Pyridine-d5	3.799	84	536953	11.244	ng/u1	0.00
7) Phenol-d5	7.157	99	670186	11.044	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	448001	11.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	513934	11.424	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	533178	10.986	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	258747	11.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	280232	11.638	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	512354	11.716	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	771057	11.555	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1575024	11.643	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	1812873	11.769	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	321409	11.352	ng/u1	0.00
60) Fluorene-d10	15.633	176	1344656	11.585	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	271064	10.966	ng/u1	0.00
73) Anthracene-d10	17.486	188	2054894	11.642	ng/u1	0.00
81) Pyrene-d10	19.774	212	2382940	11.769	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	2343080	11.493	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	82291	4.618	ng/uL	99
5) Pyridine	3.822	79	562173	11.309	ng/u1	97
6) Benzaldehyde	7.140	77	385066	13.902	ng/u1	98
8) Phenol	7.187	94	704178	11.179	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.422	93	566000	11.395	ng/u1	97
12) 2-Chlorophenol	7.563	128	527500	11.238	ng/u1	99
13) 2-Methylphenol	8.446	108	520171	11.058	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1003212	11.369	ng/u1	99
16) Acetophenone	8.834	105	863706	11.401	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.816	70	451696	11.329	ng/u1	98
18) 4-Methylphenol	8.775	108	582976	11.163	ng/u1	99
19) Hexachloroethane	9.087	117	209770	11.316	ng/u1	99
22) Nitrobenzene	9.216	77	668536	11.570	ng/u1	99
23) Isophorone	9.740	82	1252949	11.666	ng/u1	98
25) 2-Nitrophenol	9.928	139	305874	11.685	ng/u1	97
26) 2,4-Dimethylphenol	9.987	107	627434	11.539	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.222	93	787944	11.432	ng/u1	97
29) 2,4-Dichlorophenol	10.463	162	506211	11.412	ng/u1	96
30) Naphthalene	10.869	128	1802161	11.539	ng/u1	99
32) 4-Chloroaniline	10.981	127	779363	11.534	ng/u1	98
33) Hexachlorobutadiene	11.151	225	293104	11.474	ng/u1	99
34) Caprolactam	11.757	113	101549	6.647	ng/u1	98
35) 4-Chloro-3-methylphenol	12.098	107	591476	11.663	ng/u1	98
36) 2-Methylnaphthalene	12.475	142	1208176	11.554	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1200841	11.591	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.839	216	604640	11.595	ng/u1	96
40) Hexachlorocyclopentadiene	12.816	237	369933	11.273	ng/u1	97
41) 2,4,6-Trichlorophenol	13.075	196	404795	11.651	ng/u1	100
42) 2,4,5-Trichlorophenol	13.145	196	446690	11.698	ng/u1	99
43) 1,1'-Biphenyl	13.481	154	1610134	11.520	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	1243923	11.400	ng/u1	98
45) 2-Nitroaniline	13.728	65	401288	11.837	ng/u1	98
47) Dimethylphthalate	14.098	163	1591502	11.585	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	308734	11.865	ng/u1	97
50) Acenaphthylene	14.363	152	1972690	11.697	ng/u1	99
51) 3-Nitroaniline	14.545	138	331850	11.998	ng/u1	93
52) Acenaphthene	14.704	153	1360834	11.579	ng/u1	95
53) 2,4-Dinitrophenol	14.751	184	183088	10.358	ng/u1	98
55) 4-Nitrophenol	14.845	109	250137	11.547	ng/u1	98
56) Dibenzofuran	15.039	168	1905639	11.653	ng/u1	98
57) 2,4-Dinitrotoluene	15.004	165	455162	11.940	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	373187	11.728	ng/u1	94
59) Diethylphthalate	15.457	149	1571426	11.690	ng/u1	100
61) Fluorene	15.686	166	1544102	11.776	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.681	204	716239	11.512	ng/u1	98
63) 4-Nitroaniline	15.710	138	345714	12.688	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.763	198	270766	11.077	ng/u1	99
67) N-Nitrosodiphenylamine	15.892	169	1309403	11.668	ng/u1	98
68) 4-Bromophenyl-phenylether	16.575	248	438747	11.713	ng/u1	96
69) Hexachlorobenzene	16.692	284	500500	11.354	ng/u1	98
70) Atrazine	16.845	200	450712	11.755	ng/u1	99
71) Pentachlorophenol	17.033	266	304604	11.304	ng/u1	94
72) Phenanthrene	17.427	178	2458962	11.693	ng/u1	99
74) Anthracene	17.522	178	2472595	11.704	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	599228	11.168	ng/uL	95
76) Pentachlorobenzene	14.957	250	598232	11.478	ng/uL	98
77) Carbazole	17.792	167	2242139	11.803	ng/u1	100
78) Di-n-butylphthalate	18.351	149	2571915	11.948	ng/u1	100
80) Fluoranthene	19.439	202	2817176	11.732	ng/u1	99
82) Pyrene	19.804	202	2928461	11.569	ng/u1	100
83) Butylbenzylphthalate	20.698	149	1131770	11.743	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.486	252	992244	12.121	ng/u1	97
85) Benzo(a)anthracene	21.557	228	2892744	11.694	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.474	149	1622613	12.075	ng/u1	99
87) Chrysene	21.610	228	2717702	11.610	ng/u1	99
89) Di-n-octyl phthalate	22.421	149	2736879	11.230	ng/u1	100
90) Benzo(b)fluoranthene	23.286	252	2935899	11.143	ng/u1	99
91) Benzo(k)fluoranthene	23.333	252	2963548	11.783	ng/u1	99
93) Benzo(a)pyrene	23.933	252	2624189	11.374	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	3380519	11.471	ng/u1	99
95) Dibenzo(a,h)anthracene	26.639	278	2780871	11.367	ng/u1	98
96) Benzo(g,h,i)perylene	27.427	276	2750723	11.261	ng/u1	97

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

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