

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
 Data File : BN024825.D
 Acq On : 10 Apr 2023 14:58
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV217

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 03:29:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 11 03:24:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	309669	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	1366216	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	849252	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	1848413	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1720346	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1989532	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	60894	7.484	ng/uL	0.00
4) Pyridine-d5	3.734	84	436894	17.932	ng/u1	0.00
7) Phenol-d5	7.104	99	518713	17.181	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	386261	19.128	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	401124	18.079	ng/u1	0.00
15) 4-Methylphenol-d8	8.657	113	413930	17.270	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	204012	18.443	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	220222	18.380	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	390073	18.214	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	576508	17.738	ng/u1	0.00
46) Dimethylphthalate-d6	14.004	166	1225345	18.612	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1397579	18.525	ng/u1	0.00
54) 4-Nitrophenol-d4	14.786	143	242086	17.938	ng/u1	0.00
60) Fluorene-d10	15.581	176	1016502	18.287	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	211123	17.551	ng/u1	0.00
73) Anthracene-d10	17.433	188	1572820	18.117	ng/u1	0.00
81) Pyrene-d10	19.733	212	1848482	18.504	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	1871967	17.995	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	61610	7.017	ng/uL	98
5) Pyridine	3.758	79	435064	17.284	ng/u1	100
6) Benzaldehyde	7.081	77	372737	25.268	ng/u1	99
8) Phenol	7.128	94	563164	17.911	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.363	93	437830	17.737	ng/u1	97
12) 2-Chlorophenol	7.504	128	424415	18.315	ng/u1	99
13) 2-Methylphenol	8.393	108	411273	17.816	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	849696	17.530	ng/u1	99
16) Acetophenone	8.775	105	697672	18.409	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.757	70	373782	18.285	ng/u1	97
18) 4-Methylphenol	8.722	108	455748	17.754	ng/u1	99
19) Hexachloroethane	9.028	117	172158	18.408	ng/u1	97
22) Nitrobenzene	9.157	77	543537	18.286	ng/u1	99
23) Isophorone	9.681	82	990620	18.155	ng/u1	100
25) 2-Nitrophenol	9.869	139	248631	19.236	ng/u1	99
26) 2,4-Dimethylphenol	9.928	107	503281	18.494	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.169	93	608879	17.931	ng/u1	99
29) 2,4-Dichlorophenol	10.404	162	396577	18.451	ng/u1	98
30) Naphthalene	10.810	128	1395727	18.292	ng/u1	99
32) 4-Chloroaniline	10.922	127	611282	18.579	ng/u1	99
33) Hexachlorobutadiene	11.093	225	233799	18.662	ng/u1	96
34) Caprolactam	11.692	113	146664m	19.468	ng/u1	
35) 4-Chloro-3-methylphenol	12.045	107	477312	18.940	ng/u1	97
36) 2-Methylnaphthalene	12.416	142	972615	19.288	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	902424	17.927	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.787	216	464888	18.767	ng/u1	99
40) Hexachlorocyclopentadiene	12.763	237	281826	18.657	ng/u1	97
41) 2,4,6-Trichlorophenol	13.028	196	312880	18.486	ng/u1	95
42) 2,4,5-Trichlorophenol	13.092	196	340555	18.386	ng/u1	99
43) 1,1'-Biphenyl	13.428	154	1270205	18.772	ng/u1	99
44) 2-Chloronaphthalene	13.469	162	955597	18.188	ng/u1	98
45) 2-Nitroaniline	13.675	65	353607	19.274	ng/u1	100
47) Dimethylphthalate	14.051	163	1221387	18.438	ng/u1	100
48) 2,6-Dinitrotoluene	14.169	165	265577	20.540	ng/u1	99
50) Acenaphthylene	14.316	152	1546101	18.658	ng/u1	99
51) 3-Nitroaniline	14.498	138	296017	21.786	ng/u1	100
52) Acenaphthene	14.657	153	1018697	17.782	ng/u1	97
53) 2,4-Dinitrophenol	14.704	184	145996	17.562	ng/u1	98
55) 4-Nitrophenol	14.804	109	206378	18.789	ng/u1	95
56) Dibenzofuran	14.986	168	1479972	18.743	ng/u1	98
57) 2,4-Dinitrotoluene	14.957	165	359706	19.219	ng/u1	94
58) 2,3,4,6-Tetrachlorophenol	15.216	232	299399	19.630	ng/u1	96
59) Diethylphthalate	15.410	149	1232390	18.515	ng/u1	99
61) Fluorene	15.639	166	1178209	18.551	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.633	204	548546	18.556	ng/u1	98
63) 4-Nitroaniline	15.663	138	316348	23.626	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.716	198	212827	18.061	ng/u1	100
67) N-Nitrosodiphenylamine	15.845	169	1048021	18.689	ng/u1	98
68) 4-Bromophenyl-phenylether	16.528	248	332911	17.918	ng/u1	99
69) Hexachlorobenzene	16.639	284	374624	17.809	ng/u1	97
70) Atrazine	16.798	200	372169	19.504	ng/u1	98
71) Pentachlorophenol	16.986	266	239953	18.352	ng/u1	94
72) Phenanthrene	17.380	178	1900559	18.221	ng/u1	99
74) Anthracene	17.469	178	1940104	18.458	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	455784	17.336	ng/u1	95
76) Pentachlorobenzene	14.910	250	453800	18.041	ng/u1	97
77) Carbazole	17.745	167	1831888	19.302	ng/u1	99
78) Di-n-butylphthalate	18.304	149	2131211	18.919	ng/u1	99
80) Fluoranthene	19.398	202	2130236	17.792	ng/u1	99
82) Pyrene	19.763	202	2302939	18.274	ng/u1	97
83) Butylbenzylphthalate	20.663	149	1006701	19.241	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.457	252	890773	22.568	ng/u1	97
85) Benzo(a)anthracene	21.521	228	2266183	18.341	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	1468328	18.799	ng/u1	99
87) Chrysene	21.574	228	2188138	18.593	ng/u1	99
89) Di-n-octyl phthalate	22.392	149	2555422	18.690	ng/u1	100
90) Benzo(b)fluoranthene	23.239	252	2397664	18.376	ng/u1	95
91) Benzo(k)fluoranthene	23.292	252	2259226	17.597	ng/u1	97
93) Benzo(a)pyrene	23.886	252	2144230	18.771	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.556	276	2583508	18.666	ng/u1	99
95) Dibenzo(a,h)anthracene	26.568	278	2109970	18.465	ng/u1	99
96) Benzo(g,h,i)perylene	27.345	276	2061367	18.354	ng/u1	98

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

