

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030640.D
 Acq On : 03 Apr 2024 23:23
 Operator : MA/JU
 Sample : P1849-02MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0LY5MS

Quant Time: Apr 04 00:58:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

04/04/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	257035	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	1114945	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	724339	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1438189	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	875184	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	938632	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	13495	2.462	ng/uL	0.00
4) Pyridine-d5	3.605	84	81825	4.978	ng/u1	0.00
7) Phenol-d5	6.863	99	294257	14.152	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	173162	13.483	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	240370	15.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	216531	12.425	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	120849	15.625	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	124282	17.565	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	261457	16.879	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	15142	0.594	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	753889	15.589	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	864374	15.545	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	131312	14.195	ng/u1	0.00
60) Fluorene-d10	15.334	176	674276	15.933	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	78493	12.365	ng/u1	0.00
73) Anthracene-d10	17.186	188	1021707	16.488	ng/u1	0.00
81) Pyrene-d10	19.486	212	1026604	21.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.068	264	760635	17.587	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	45172	7.692	ng/uL	97
5) Pyridine	3.622	79	248102	14.958	ng/u1	99
6) Benzaldehyde	6.840	77	249934	25.811	ng/u1	97
8) Phenol	6.887	94	461618	21.311	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.128	93	374080	21.178	ng/u1	99
12) 2-Chlorophenol	7.257	128	380858	22.508	ng/u1	98
13) 2-Methylphenol	8.134	108	311044	18.635	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	500896	20.139	ng/u1	99
16) Acetophenone	8.516	105	585117	21.266	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.499	70	277333	20.013	ng/u1	98
18) 4-Methylphenol	8.463	108	363171	19.436	ng/u1	97
19) Hexachloroethane	8.763	117	165205	23.287	ng/u1	98
22) Nitrobenzene	8.893	77	422077	22.355	ng/u1	97
23) Isophorone	9.416	82	814285	21.626	ng/u1	100
25) 2-Nitrophenol	9.599	139	208394	25.061	ng/u1	97
26) 2,4-Dimethylphenol	9.657	107	132100	7.147	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.899	93	514712	21.500	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	377802	23.895	ng/u1	97
30) Naphthalene	10.528	128	1296118	22.666	ng/u1	100
32) 4-Chloroaniline	10.640	127	261541	10.642	ng/u1	100
33) Hexachlorobutadiene	10.810	225	240199	24.136	ng/u1	98
34) Caprolactam	11.416	113	123607	20.927	ng/u1	98
35) 4-Chloro-3-methylphenol	11.769	107	401680	22.557	ng/u1	98
36) 2-Methylnaphthalene	12.145	142	908606	22.752	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	898475	22.163	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	452516	24.208	ng/ul	94
40) Hexachlorocyclopentadiene	12.493	237	90423	8.518	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	307954	26.363	ng/ul	98
42) 2,4,5-Trichlorophenol	12.828	196	332281	25.188	ng/ul	96
43) 1,1'-Biphenyl	13.169	154	1144398	23.180	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	919664	23.663	ng/ul	99
45) 2-Nitroaniline	13.416	65	253302	24.490	ng/ul	99
47) Dimethylphthalate	13.798	163	1140334	22.827	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	232594	25.112	ng/ul	96
50) Acenaphthylene	14.057	152	1487257	23.149	ng/ul	100
51) 3-Nitroaniline	14.245	138	196968	20.035	ng/ul	100
52) Acenaphthene	14.404	153	1037336	24.229	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	79292	18.639	ng/ul	97
55) 4-Nitrophenol	14.557	109	163390	22.294	ng/ul	98
56) Dibenzofuran	14.739	168	1387900	23.321	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	340090	25.150	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.963	232	278640	25.433	ng/ul	95
59) Diethylphthalate	15.169	149	1184637	23.342	ng/ul	98
61) Fluorene	15.386	166	1142838	24.159	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.386	204	540668	23.296	ng/ul	97
63) 4-Nitroaniline	15.416	138	212369	22.220	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.469	198	148922	21.833	ng/ul	98
67) N-Nitrosodiphenylamine	15.604	169	962245	24.568	ng/ul	99
68) 4-Bromophenyl-phenylether	16.281	248	356161	26.080	ng/ul	95
69) Hexachlorobenzene	16.386	284	401262	24.952	ng/ul	96
70) Atrazine	16.557	200	357868	26.361	ng/ul	100
71) Pentachlorophenol	16.733	266	224778	23.707	ng/ul	95
72) Phenanthrene	17.128	178	2427571	32.854	ng/ul	100
74) Anthracene	17.222	178	1922139	25.732	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	465105	26.324	ng/ul	97
76) Pentachlorobenzene	14.651	250	449902	25.069	ng/ul	94
77) Carbazole	17.492	167	1736526	26.509	ng/ul	100
78) Di-n-butylphthalate	18.063	149	2252453	28.186	ng/ul	99
80) Fluoranthene	19.151	202	3167832	56.635	ng/ul	98
82) Pyrene	19.516	202	2955821	50.037	ng/ul	99
83) Butylbenzylphthalate	20.427	149	878905	38.960	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.239	252	230798	14.352	ng/ul#	98
85) Benzo(a)anthracene	21.310	228	1962111	33.593	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	1861079	55.941	ng/ul	98
87) Chrysene	21.369	228	1886560	34.220	ng/ul	98
89) Di-n-octyl phthalate	22.363	149	1815709	30.546	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1980886	35.860	ng/ul	96
91) Benzo(k)fluoranthene	23.410	252	1569046	27.969	ng/ul	98
93) Benzo(a)pyrene	24.139	252	1664888	31.905	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.603	276	1940568	34.402	ng/ul	97
95) Dibenzo(a,h)anthracene	27.656	278	1398351	29.447	ng/ul	96
96) Benzo(g,h,i)perylene	28.639	276	1490557m	33.659	ng/ul	

04/06/2024

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

