

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020036.D
 Acq On : 07 Jun 2022 19:53
 Operator : CG/JU
 Sample : N3171-14MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTZ0MS

Quant Time: Jun 07 22:34:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
 Supervised By :mohammad ahmed 06/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	127433	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	592010	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	379186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	810636	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	756000	20.000	ng/u1	0.00
88) Perylene-d12	23.716	264	789317	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12397	4.214	ng/uL	0.00
4) Pyridine-d5	3.693	84	60327	7.502	ng/u1	0.00
7) Phenol-d5	6.987	99	66191	6.277	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	221963	33.691	ng/u1	0.00
11) 2-Chlorophenol-d4	7.358	132	224243	26.173	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	149124	16.346	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	160800	35.702	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	170663	35.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	274302	32.873	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	285301	21.113	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1123460	40.719	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	1238585	38.710	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	46204	8.357	ng/u1	0.00
60) Fluorene-d10	15.445	176	906094	39.687	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	199400	42.464	ng/u1	0.00
73) Anthracene-d10	17.292	188	1426050	40.309	ng/u1	0.00
81) Pyrene-d10	19.586	212	1690308	41.243	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.569	264	1626142	42.107	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	14624	4.708	ng/uL	96
5) Pyridine	3.711	79	63453	7.527	ng/u1	88
6) Benzaldehyde	6.964	77	247869m	49.888	ng/u1	
8) Phenol	7.016	94	74060	6.596	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.246	93	282786	32.178	ng/u1	99
12) 2-Chlorophenol	7.387	128	224850	25.107	ng/u1	99
13) 2-Methylphenol	8.263	108	164067	19.007	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.358	45	440892	31.993	ng/u1	97
16) Acetophenone	8.640	105	467869	33.723	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.628	70	239523	33.796	ng/u1	92
18) 4-Methylphenol	8.593	108	159598	16.752	ng/u1	100
19) Hexachloroethane	8.905	117	112822	31.309	ng/u1	84
22) Nitrobenzene	9.016	77	348507	33.373	ng/u1	96
23) Isophorone	9.540	82	704035	34.145	ng/u1	100
25) 2-Nitrophenol	9.728	139	175120	33.156	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	299041	27.329	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.028	93	410399	32.525	ng/u1	98
29) 2,4-Dichlorophenol	10.263	162	269853	31.264	ng/u1	99
30) Naphthalene	10.663	128	1002676	32.680	ng/u1	100
32) 4-Chloroaniline	10.769	127	339636	25.129	ng/u1	98
33) Hexachlorobutadiene	10.957	225	155056	31.289	ng/u1	98
34) Caprolactam	11.534	113	15460	4.587	ng/u1	87
35) 4-Chloro-3-methylphenol	11.893	107	314073	30.816	ng/u1	96
36) 2-Methylnaphthalene	12.275	142	749115	36.114	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	815203	38.512	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	328119	33.928	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	137765	23.418	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	243113	36.458	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	277633	37.592	ng/ul	95
43) 1,1'-Biphenyl	13.287	154	985222	35.089	ng/ul	97
44) 2-Chloronaphthalene	13.328	162	739222	34.704	ng/ul	97
45) 2-Nitroaniline	13.528	65	278624	42.046	ng/ul	98
47) Dimethylphthalate	13.910	163	1054062	37.950	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	227385	41.872	ng/ul	96
50) Acenaphthylene	14.175	152	1291741	36.464	ng/ul	100
51) 3-Nitroaniline	14.351	138	228472	39.796	ng/ul	99
52) Acenaphthene	14.516	153	966930	41.787	ng/ul	97
53) 2,4-Dinitrophenol	14.557	184	136266	39.193	ng/ul	98
55) 4-Nitrophenol	14.657	109	38234	8.102	ng/ul	94
56) Dibenzofuran	14.851	168	1227205	37.645	ng/ul	96
57) 2,4-Dinitrotoluene	14.816	165	347682	43.240	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.075	232	236116	40.728	ng/ul	89
59) Diethylphthalate	15.275	149	1137047	39.763	ng/ul	99
61) Fluorene	15.498	166	999278	39.393	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.493	204	424007	36.296	ng/ul	91
63) 4-Nitroaniline	15.516	138	253613m	47.275	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	191736	40.274	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	891625	38.367	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	278859	39.502	ng/ul	92
69) Hexachlorobenzene	16.510	284	298564	36.793	ng/ul#	93
70) Atrazine	16.657	200	313270	38.634	ng/ul	97
71) Pentachlorophenol	16.845	266	205998	40.758	ng/ul	97
72) Phenanthrene	17.234	178	1687961	39.457	ng/ul	99
74) Anthracene	17.328	178	1662944	38.658	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	363532	33.489	ng/ul	99
76) Pentachlorobenzene	14.775	250	359078	37.427	ng/ul	95
77) Carbazole	17.592	167	1649649	42.154	ng/ul	97
78) Di-n-butylphthalate	18.169	149	2085600	42.979	ng/ul	100
80) Fluoranthene	19.251	202	1947626	39.347	ng/ul	96
82) Pyrene	19.616	202	1988584	39.159	ng/ul	95
83) Butylbenzylphthalate	20.522	149	1021791	44.709	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	414126	28.680	ng/ul#	97
85) Benzo(a)anthracene	21.369	228	1877991	39.339	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	1399027	43.386	ng/ul	97
87) Chrysene	21.422	228	1847235	39.552	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	2585861	40.251	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	2024637	40.870	ng/ul#	97
91) Benzo(k)fluoranthene	23.057	252	1846019m	39.145	ng/ul	
93) Benzo(a)pyrene	23.616	252	1888435	39.381	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.110	276	1958586	39.699	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.127	278	1651656	39.194	ng/ul	95
96) Benzo(g,h,i)perylene	26.851	276	1679306	40.307	ng/ul	94

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

