

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020040.D
 Acq On : 07 Jun 2022 22:18
 Operator : CG/JU
 Sample : N3171-03MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBTY9MS

Quant Time: Jun 07 23:13:45 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	124905	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	592009	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	386775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	816755	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	792404	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	824017	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	8556m	2.967	ng/uL	0.00
4) Pyridine-d5	3.693	84	54819	6.955	ng/u1	0.00
7) Phenol-d5	6.987	99	177555	17.179	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	110956	17.183	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	148649	17.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	149500	16.719	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	78105	17.342	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	82048	17.165	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	145963	17.492	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	187542	13.879	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	500679	17.791	ng/u1	0.00
49) Acenaphthylene-d8	14.146	160	582053	17.834	ng/u1	0.00
54) 4-Nitrophenol-d4	14.640	143	82428	14.617	ng/u1	0.00
60) Fluorene-d10	15.440	176	422981	18.163	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	63134	13.344	ng/u1	0.00
73) Anthracene-d10	17.287	188	664293	18.636	ng/u1	0.00
81) Pyrene-d10	19.586	212	778610	18.125	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	704665	17.478	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	24099	7.916	ng/uL#	89
5) Pyridine	3.711	79	77117	9.333	ng/u1	95
6) Benzaldehyde	6.958	77	132699	27.248	ng/u1	92
8) Phenol	7.016	94	241277	21.923	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.246	93	180460	20.950	ng/u1	98
12) 2-Chlorophenol	7.387	128	187949	21.411	ng/u1	98
13) 2-Methylphenol	8.263	108	170421	20.142	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.352	45	284039	21.028	ng/u1	97
16) Acetophenone	8.640	105	319904	23.525	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	151347	21.787	ng/u1	94
18) 4-Methylphenol	8.593	108	197892	21.192	ng/u1	99
19) Hexachloroethane	8.899	117	70365	19.922	ng/u1	88
22) Nitrobenzene	9.016	77	219536	21.023	ng/u1	95
23) Isophorone	9.540	82	434962	21.095	ng/u1	98
25) 2-Nitrophenol	9.728	139	114485	21.676	ng/u1	99
26) 2,4-Dimethylphenol	9.793	107	133991	12.245	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.022	93	259785	20.589	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	186354	21.590	ng/u1	97
30) Naphthalene	10.663	128	649134	21.157	ng/u1	99
32) 4-Chloroaniline	10.769	127	270535	20.016	ng/u1	97
33) Hexachlorobutadiene	10.957	225	102917	20.768	ng/u1	97
34) Caprolactam	11.516	113	72795	21.597	ng/u1	99
35) 4-Chloro-3-methylphenol	11.899	107	225062	22.082	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	448909	21.642	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	460969	21.777	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.646	216	204144	20.695	ng/ul	96
40) Hexachlorocyclopentadiene	12.634	237	76225	12.703	ng/ul	98
41) 2,4,6-Trichlorophenol	12.881	196	149581	21.991	ng/ul	94
42) 2,4,5-Trichlorophenol	12.951	196	163846	21.750	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	608637	21.251	ng/ul	100
44) 2-Chloronaphthalene	13.328	162	462129	21.270	ng/ul	97
45) 2-Nitroaniline	13.522	65	157355	23.280	ng/ul	96
47) Dimethylphthalate	13.910	163	622414	21.970	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	127670	23.049	ng/ul	96
50) Acenaphthylene	14.169	152	792116	21.922	ng/ul	100
51) 3-Nitroaniline	14.345	138	140100	23.925	ng/ul	99
52) Acenaphthene	14.516	153	523119	22.164	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	67462	19.023	ng/ul	92
55) 4-Nitrophenol	14.657	109	111244	23.110	ng/ul	98
56) Dibenzofuran	14.851	168	739114	22.228	ng/ul	97
57) 2,4-Dinitrotoluene	14.810	165	198601	24.215	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	133807	22.628	ng/ul	91
59) Diethylphthalate	15.275	149	661715	22.686	ng/ul	99
61) Fluorene	15.498	166	593884	22.952	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.493	204	265069	22.245	ng/ul	92
63) 4-Nitroaniline	15.510	138	146983m	26.861	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.575	198	105472	21.988	ng/ul	96
67) N-Nitrosodiphenylamine	15.704	169	527959	22.548	ng/ul	98
68) 4-Bromophenyl-phenylether	16.387	248	157821	22.189	ng/ul#	85
69) Hexachlorobenzene	16.504	284	178138	21.788	ng/ul#	91
70) Atrazine	16.657	200	197291	24.149	ng/ul	97
71) Pentachlorophenol	16.845	266	94685	18.594	ng/ul	99
72) Phenanthrene	17.234	178	1022529	23.723	ng/ul	99
74) Anthracene	17.322	178	978185	22.569	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	223909	20.472	ng/uL	96
76) Pentachlorobenzene	14.775	250	208861	21.607	ng/uL	95
77) Carbazole	17.592	167	968351	24.559	ng/ul	98
78) Di-n-butylphthalate	18.163	149	1244091	25.445	ng/ul	99
80) Fluoranthene	19.251	202	1295044	24.961	ng/ul	98
82) Pyrene	19.610	202	1278091	24.012	ng/ul	96
83) Butylbenzylphthalate	20.516	149	579326	24.184	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.298	252	333214	22.017	ng/ul#	97
85) Benzo(a)anthracene	21.363	228	1201816	24.018	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.304	149	846146	25.035	ng/ul	99
87) Chrysene	21.416	228	1196698	24.446	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	1526650	22.763	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1306680m	25.266	ng/ul	
91) Benzo(k)fluoranthene	23.051	252	1154588	23.452	ng/ul	97
93) Benzo(a)pyrene	23.604	252	1050493	20.984	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.104	276	1150519	22.338	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.115	278	1033400	23.490	ng/ul	96
96) Benzo(g,h,i)perylene	26.827	276	147682	3.395	ng/ul#	92

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

