

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023775.D
 Acq On : 24 Jan 2023 13:50
 Operator : CG/JU
 Sample : 01226-10MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EX9G4MSD

Quant Time: Jan 24 23:57:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 23:52:16 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2023
 Supervised By :Yogesh Patel 01/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	218336	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	934244	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	556897	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1188632	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	892750	20.000	ng/u1	0.00
88) Perylene-d12	23.892	264	910460	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	20926	4.124	ng/uL	0.00
4) Pyridine-d5	3.693	84	225389	14.806	ng/u1	0.00
7) Phenol-d5	7.052	99	124242	6.421	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	273609	23.049	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	283299	19.116	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	230047	14.895	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	178856	25.388	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	190701	25.571	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	355103	24.964	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	607691	27.159	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	1212826	29.276	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1278069	27.844	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	46996	5.572	ng/u1	0.00
60) Fluorene-d10	15.528	176	984751	27.819	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	159160	22.197	ng/u1	0.00
73) Anthracene-d10	17.381	188	1490834	28.028	ng/u1	0.00
81) Pyrene-d10	19.680	212	1702368	33.342	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1323454	29.394	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	22600	4.219	ng/uL	98
5) Pyridine	3.717	79	240902	15.459	ng/u1	96
6) Benzaldehyde	7.022	77	301793m	40.270	ng/u1	
8) Phenol	7.075	94	146119	7.418	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.311	93	409785	26.329	ng/u1	99
12) 2-Chlorophenol	7.446	128	328970	21.480	ng/u1	98
13) 2-Methylphenol	8.334	108	291987	19.698	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	548927	26.371	ng/u1	98
16) Acetophenone	8.716	105	639065	26.771	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.705	70	341366	28.401	ng/u1	99
18) 4-Methylphenol	8.669	108	276827	16.958	ng/u1	98
19) Hexachloroethane	8.969	117	156821	25.602	ng/u1	97
22) Nitrobenzene	9.099	77	504101	28.591	ng/u1	98
23) Isophorone	9.628	82	974735	30.567	ng/u1	99
25) 2-Nitrophenol	9.810	139	235577	28.418	ng/u1	97
26) 2,4-Dimethylphenol	9.875	107	420293	24.983	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	577549	27.923	ng/u1	99
29) 2,4-Dichlorophenol	10.346	162	395717	27.802	ng/u1	98
30) Naphthalene	10.752	128	1338882	26.659	ng/u1	98
32) 4-Chloroaniline	10.863	127	624318	27.860	ng/u1	100
33) Hexachlorobutadiene	11.034	225	223617	25.401	ng/u1	97
34) Caprolactam	11.657	113	19375m	4.053	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	446369	28.762	ng/u1	97
36) 2-Methylnaphthalene	12.357	142	925430	27.642	ng/u1	98

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37) 1-Methylnaphthalene	12.581	142	948076	27.718	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	478327	29.042	ng/u1	97
40) Hexachlorocyclopentadiene	12.704	237	241945	23.307	ng/u1	99
41) 2,4,6-Trichlorophenol	12.969	196	355062	32.704	ng/u1	95
42) 2,4,5-Trichlorophenol	13.040	196	396796	33.419	ng/u1	90
43) 1,1'-Biphenyl	13.375	154	1286064	29.933	ng/u1	98
44) 2-Chloronaphthalene	13.410	162	995507	29.865	ng/u1	99
45) 2-Nitroaniline	13.622	65	355531	38.677	ng/u1	99
47) Dimethylphthalate	13.998	163	1399881	33.628	ng/u1	99
48) 2,6-Dinitrotoluene	14.122	165	296089	37.624	ng/u1	97
50) Acenaphthylene	14.263	152	1595742	31.266	ng/u1	100
51) 3-Nitroaniline	14.451	138	297466	37.720	ng/u1	99
52) Acenaphthene	14.604	153	1094973	30.431	ng/u1	97
53) 2,4-Dinitrophenol	14.651	184	16931	3.292	ng/u1	93
55) 4-Nitrophenol	14.757	109	41207	6.050	ng/u1	91
56) Dibenzofuran	14.934	168	1539329	30.734	ng/u1	95
57) 2,4-Dinitrotoluene	14.904	165	423387	36.853	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	336911	33.115	ng/u1	98
59) Diethylphthalate	15.363	149	1433941	34.388	ng/u1	99
61) Fluorene	15.587	166	1248065	30.772	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.581	204	620564	31.430	ng/u1	98
63) 4-Nitroaniline	15.616	138	275567	37.953	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.669	198	177449	25.077	ng/u1	97
67) N-Nitrosodiphenylamine	15.798	169	1141017	34.206	ng/u1	99
68) 4-Bromophenyl-phenylether	16.475	248	409097	34.337	ng/u1	97
69) Hexachlorobenzene	16.586	284	451343	32.327	ng/u1	93
70) Atrazine	16.757	200	436486	34.963	ng/u1	98
71) Pentachlorophenol	16.934	266	278978	31.309	ng/u1	98
72) Phenanthrene	17.328	178	2050548	32.196	ng/u1	99
74) Anthracene	17.422	178	2031055	32.043	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	488302	30.513	ng/uL	97
76) Pentachlorobenzene	14.851	250	503056	31.383	ng/uL	99
77) Carbazole	17.692	167	1930915	33.550	ng/u1	99
78) Di-n-butylphthalate	18.251	149	2501486	36.608	ng/u1	100
80) Fluoranthene	19.345	202	2328155	38.985	ng/u1	100
82) Pyrene	19.710	202	2368724	37.553	ng/u1	99
83) Butylbenzylphthalate	20.610	149	1082650	43.355	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.398	252	119552	6.130	ng/u1	98
85) Benzo(a)anthracene	21.463	228	1994087	32.975	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	1549951	42.748	ng/u1	99
87) Chrysene	21.516	228	1854705	32.711	ng/u1	97
89) Di-n-octyl phthalate	22.316	149	2617727	41.659	ng/u1	100
90) Benzo(b)fluoranthene	23.151	252	1981168	34.161	ng/u1	99
91) Benzo(k)fluoranthene	23.204	252	1993849	34.758	ng/u1	99
93) Benzo(a)pyrene	23.780	252	1660588	33.016	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.404	276	1886902	30.356	ng/u1	99
95) Dibenzo(a,h)anthracene	26.415	278	1562263	30.396	ng/u1	99
96) Benzo(g,h,i)perylene	27.174	276	1482670	29.951	ng/u1	95

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

