

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023932.D
 Acq On : 03 Feb 2023 08:26
 Operator : CG/JU
 Sample : 01294-03MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A44N8MSD

Quant Time: Feb 03 21:49:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	161699	20.000	ng/u1	0.00
20) Naphthalene-d8	10.657	136	682369	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	440869	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	958944	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	838964	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	827197	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	17563	4.384	ng/uL	0.00
4) Pyridine-d5	3.664	84	88044	7.865	ng/u1	0.00
7) Phenol-d5	7.016	99	89845	6.363	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	290752	32.581	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	276879	25.078	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	172657	15.414	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	188500	34.048	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	208219	33.054	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	357680	30.409	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	457706	28.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	1352568	38.428	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1397315	36.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	46336	7.261	ng/u1	0.00
60) Fluorene-d10	15.498	176	1103324	37.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	259559	38.251	ng/u1	0.00
73) Anthracene-d10	17.351	188	1766497	39.568	ng/u1	0.00
81) Pyrene-d10	19.651	212	2075631	40.750	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1713951	39.921	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	19583	4.745	ng/uL#	84
5) Pyridine	3.681	79	95458	8.487	ng/u1	97
6) Benzaldehyde	6.987	77	313767	51.102	ng/u1	97
8) Phenol	7.046	94	106267	7.486	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.275	93	390313	33.749	ng/u1	98
12) 2-Chlorophenol	7.410	128	292177	26.151	ng/u1	98
13) 2-Methylphenol	8.299	108	210613	19.555	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.387	45	491243	33.263	ng/u1	99
16) Acetophenone	8.681	105	604388	34.839	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.669	70	328058	34.447	ng/u1	97
18) 4-Methylphenol	8.634	108	195210	16.733	ng/u1	100
19) Hexachloroethane	8.928	117	157282	33.613	ng/u1	98
22) Nitrobenzene	9.063	77	488584	35.154	ng/u1	98
23) Isophorone	9.593	82	909841	34.684	ng/u1	98
25) 2-Nitrophenol	9.775	139	224207	34.274	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	325038	25.091	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	547940	34.190	ng/u1	100
29) 2,4-Dichlorophenol	10.310	162	362178	31.909	ng/u1	98
30) Naphthalene	10.710	128	1281408	34.675	ng/u1	99
32) 4-Chloroaniline	10.828	127	474610	29.718	ng/u1	99
33) Hexachlorobutadiene	10.987	225	277218	34.854	ng/u1	94
34) Caprolactam	11.628	113	15621m	4.404	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	366877	30.155	ng/u1	99
36) 2-Methylnaphthalene	12.322	142	894889	35.639	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	905667	35.255	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.693	216	547647	36.153	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	289664	26.560	ng/ul	94
41) 2,4,6-Trichlorophenol	12.934	196	369713	36.991	ng/ul	97
42) 2,4,5-Trichlorophenol	13.004	196	405048	37.414	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	1249505	35.966	ng/ul	98
44) 2-Chloronaphthalene	13.375	162	986053	36.477	ng/ul	99
45) 2-Nitroaniline	13.592	65	324683	40.002	ng/ul	95
47) Dimethylphthalate	13.969	163	1382236	39.570	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	291568	42.100	ng/ul	96
50) Acenaphthylene	14.228	152	1534189	37.515	ng/ul	98
51) 3-Nitroaniline	14.422	138	256821	41.195	ng/ul	94
52) Acenaphthene	14.569	153	1056896	37.230	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	173327	35.601	ng/ul	96
55) 4-Nitrophenol	14.728	109	44393	8.183	ng/ul	99
56) Dibenzofuran	14.904	168	1542131	38.079	ng/ul	98
57) 2,4-Dinitrotoluene	14.875	165	416069	42.463	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.128	232	380821	39.444	ng/ul	98
59) Diethylphthalate	15.328	149	1391835	40.099	ng/ul	99
61) Fluorene	15.551	166	1279554	38.635	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.545	204	676424	38.932	ng/ul	98
63) 4-Nitroaniline	15.586	138	268840m	47.513	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	263939	40.399	ng/ul	99
67) N-Nitrosodiphenylamine	15.763	169	1130690	40.836	ng/ul	98
68) 4-Bromophenyl-phenylether	16.445	248	451989	40.245	ng/ul	96
69) Hexachlorobenzene	16.551	284	537083	41.393	ng/ul	95
70) Atrazine	16.722	200	411942	37.027	ng/ul	99
71) Pentachlorophenol	16.898	266	312106	37.569	ng/ul	98
72) Phenanthrene	17.292	178	2101390	40.688	ng/ul	100
74) Anthracene	17.386	178	2093058	40.661	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	551715	37.396	ng/ul	98
76) Pentachlorobenzene	14.822	250	589173	40.045	ng/ul	91
77) Carbazole	17.663	167	1903773	42.205	ng/ul	98
78) Di-n-butylphthalate	18.222	149	2425871	25.091	ng/ul	99
80) Fluoranthene	19.310	202	2539856	42.713	ng/ul	99
82) Pyrene	19.680	202	2545349	42.084	ng/ul	99
83) Butylbenzylphthalate	20.574	149	1064977	42.220	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	701612	35.607	ng/ul	94
85) Benzo(a)anthracene	21.427	228	2363995	40.661	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.357	149	1584958	42.591	ng/ul	98
87) Chrysene	21.480	228	2227380	41.520	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	2570905	41.319	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	2419371	42.409	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	2196941	40.780	ng/ul	98
93) Benzo(a)pyrene	23.745	252	1927116	40.151	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	2298526	39.687	ng/ul	98
95) Dibenzo(a,h)anthracene	26.351	278	1914575	39.970	ng/ul	97
96) Benzo(g,h,i)perylene	27.098	276	1834469	40.225	ng/ul	98

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

