

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041422\
 Data File : BM034684.D
 Acq On : 15 Apr 2022 01:15
 Operator : CG/JU
 Sample : N2316-23MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETNS0MS

Quant Time: Apr 15 03:51:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 14 23:42:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/15/2022
 Supervised By :Yogesh Patel 04/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	122451	20.000	ng/u1	0.00
20) Naphthalene-d8	10.672	136	523139	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.513	164	313769	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.254	188	627538	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.430	240	628084	20.000	ng/u1	# 0.00
88) Perylene-d12	23.800	264	639404	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.243	96	12484m	3.636	ng/uL	0.00
4) Pyridine-d5	3.666	84	121006	14.602	ng/u1	0.00
7) Phenol-d5	7.025	99	223333	21.913	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.190	67	161012	23.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.390	132	183494	23.290	ng/u1	0.00
15) 4-Methylphenol-d8	8.578	113	187235	23.518	ng/u1	0.00
21) Nitrobenzene-d5	9.025	128	91201m	23.721	ng/u1	0.00
24) 2-Nitrophenol-d4	9.754	143	97825	24.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.295	165	179458m	23.809	ng/u1	0.00
31) 4-Chloroaniline-d4	10.807	131	238209	22.907	ng/u1	0.00
46) Dimethylphthalate-d6	13.925	166	669917	29.548	ng/u1	0.00
49) Acenaphthylene-d8	14.201	160	721833	24.771	ng/u1	0.00
54) 4-Nitrophenol-d4	14.707	143	97452m	28.189	ng/u1	0.00
60) Fluorene-d10	15.501	176	553254	28.238	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.624	200	111678	29.151	ng/u1	0.00
73) Anthracene-d10	17.354	188	883125	29.517	ng/u1	0.00
81) Pyrene-d10	19.642	212	1054947	30.774	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.647	264	1009851	31.397	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.278	88	30146	8.719	ng/uL#	79
5) Pyridine	3.690	79	172404	19.039	ng/u1#	76
6) Benzaldehyde	6.996	77	175531	28.093	ng/u1	91
8) Phenol	7.054	94	276797	26.884	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.284	93	217561	26.183	ng/u1#	86
12) 2-Chlorophenol	7.425	128	217990m	27.143	ng/u1	
13) 2-Methylphenol	8.307	108	200530	26.346	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.401	45	347292	27.955	ng/u1#	85
16) Acetophenone	8.690	105	347231	27.942	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.678	70	197191	29.813	ng/u1#	84
18) 4-Methylphenol	8.643	108	223228	27.569	ng/u1	99
19) Hexachloroethane	8.948	117	92538	25.617	ng/u1	83
22) Nitrobenzene	9.066	77	273292	27.114	ng/u1	91
23) Isophorone	9.595	82	518800	28.985	ng/u1#	91
25) 2-Nitrophenol	9.784	139	117454	27.395	ng/u1#	85
26) 2,4-Dimethylphenol	9.848	107	212443	22.324	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.084	93	298791	27.746	ng/u1	98
29) 2,4-Dichlorophenol	10.319	162	201886m	27.138	ng/u1	
30) Naphthalene	10.725	128	722004	26.510	ng/u1	99
32) 4-Chloroaniline	10.831	127	266516	25.582	ng/u1	99
33) Hexachlorobutadiene	11.013	225	131056	25.058	ng/u1	98
34) Caprolactam	11.601	113	85132m	35.226	ng/u1	
35) 4-Chloro-3-methylphenol	11.960	107	252580	32.707	ng/u1	89
36) 2-Methylnaphthalene	12.336	142	483316	27.689	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.554	142	503278	28.104	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.707	216	251026	26.728	ng/ul#	97
40) Hexachlorocyclopentadiene	12.689	237	115224	18.695	ng/ul	97
41) 2,4,6-Trichlorophenol	12.948	196	171741	30.102	ng/ul	98
42) 2,4,5-Trichlorophenol	13.019	196	186318	31.515	ng/ul	99
43) 1,1'-Biphenyl	13.348	154	668785	28.137	ng/ul#	97
44) 2-Chloronaphthalene	13.389	162	508638	27.874	ng/ul	97
45) 2-Nitroaniline	13.589	65	184672	37.114	ng/ul#	80
47) Dimethylphthalate	13.972	163	742513	33.279	ng/ul	99
48) 2,6-Dinitrotoluene	14.089	165	155138	36.194	ng/ul#	88
50) Acenaphthylene	14.230	152	875049	29.579	ng/ul	99
51) 3-Nitroaniline	14.419	138	135619	36.190	ng/ul	86
52) Acenaphthene	14.577	153	577253	29.308	ng/ul	99
53) 2,4-Dinitrophenol	14.624	184	72385	29.966	ng/ul#	81
55) 4-Nitrophenol	14.724	109	101040	34.226	ng/ul#	84
56) Dibenzofuran	14.907	168	821589	30.692	ng/ul	94
57) 2,4-Dinitrotoluene	14.872	165	228699	38.335	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.136	232	175230	33.758	ng/ul#	86
59) Diethylphthalate	15.330	149	816255	36.017	ng/ul	98
61) Fluorene	15.560	166	725988	32.144	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.554	204	346938	31.824	ng/ul	94
63) 4-Nitroaniline	15.577	138	130050	39.412	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.636	198	129459	33.891	ng/ul#	81
67) N-Nitrosodiphenylamine	15.766	169	643345	34.410	ng/ul	99
68) 4-Bromophenyl-phenylether	16.448	248	218475	33.679	ng/ul	93
69) Hexachlorobenzene	16.566	284	263727	33.851	ng/ul	94
70) Atrazine	16.718	200	244186	34.901	ng/ul	99
71) Pentachlorophenol	16.907	266	115492	24.210	ng/ul	98
72) Phenanthrene	17.295	178	1197596	34.201	ng/ul	98
74) Anthracene	17.389	178	1192807	34.377	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.313	216	267134	27.104	ng/uL	99
76) Pentachlorobenzene	14.830	250	272780	29.492	ng/uL	99
77) Carbazole	17.654	167	1008066	35.119	ng/ul	97
78) Di-n-butylphthalate	18.224	149	1438663	39.489	ng/ul	99
80) Fluoranthene	19.312	202	1397970	36.849	ng/ul#	91
82) Pyrene	19.671	202	1468038	35.602	ng/ul#	87
83) Butylbenzylphthalate	20.571	149	650698	40.309	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.348	252	336566	30.576	ng/ul#	96
85) Benzo(a)anthracene	21.412	228	1317448	36.074	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.348	149	1007233	41.690	ng/ul#	96
87) Chrysene	21.465	228	1369615	34.779	ng/ul	99
89) Di-n-octyl phthalate	22.259	149	1695634	39.834	ng/ul	100
90) Benzo(b)fluoranthene	23.077	252	1372242	36.118	ng/ul#	98
91) Benzo(k)fluoranthene	23.124	252	1433910	35.938	ng/ul#	97
93) Benzo(a)pyrene	23.700	252	1345401	35.829	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.271	276	1504410	37.437	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.283	278	1219645	37.021	ng/ul#	96
96) Benzo(g,h,i)perylene	27.024	276	1079540	27.988	ng/ul#	93

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

