

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010321.D
 Acq On : 12 May 2022 12:56
 Operator : CG/JU
 Sample : N2714-03MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

EW2X5MS

Manual Integrations

APPROVED

Reviewed By :Jagrut
Upadhyay

05/16/2022

Supervised By :Yogesh
Patel

05/17/2022

Quant Time: May 13 00:00:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	152090	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	671125	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.534	164	465838	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1014562	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.368	240	1008012	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	974903	20.000	ng/u1	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.346	96	20597m	5.753	ng/uL	0.00
4) Pyridine-d5	3.764	84	210407	21.120	ng/u1	0.00
7) Phenol-d5	7.069	99	437314	30.958	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	287777	32.932	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	344518	33.116	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	385900	33.229	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	184153	34.222	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	201235	32.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	375929	33.664	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	475923	28.868	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	1267171	34.145	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1443742	32.629	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	208203	29.248	ng/u1	0.00
60) Fluorene-d10	15.528	176	1081189	34.513	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	208539	30.016	ng/u1	0.00
73) Anthracene-d10	17.386	188	1712718	34.473	ng/u1	0.00
81) Pyrene-d10	19.616	212	2038141	36.589	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	1873559	36.036	ng/u1	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.381	88	42342	11.571	ng/uL#	10
5) Pyridine	3.781	79	233348	22.347	ng/u1#	31
6) Benzaldehyde	7.040	77	282947	36.246	ng/u1	92
8) Phenol	7.099	94	473227	33.229	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.328	93	369478	33.154	ng/u1#	77
12) 2-Chlorophenol	7.469	128	353127	33.798	ng/u1	97
13) 2-Methylphenol	8.352	108	364069	33.681	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	598057	34.117	ng/u1#	83
16) Acetophenone	8.728	105	604993	33.328	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.716	70	327489	34.535	ng/u1#	71
18) 4-Methylphenol	8.681	108	403049	34.079	ng/u1	95
19) Hexachloroethane	8.987	117	150788	33.849	ng/u1	83
22) Nitrobenzene	9.104	77	463867	33.959	ng/u1#	85
23) Isophorone	9.634	82	927247	34.660	ng/u1#	97
25) 2-Nitrophenol	9.822	139	220843	35.038	ng/u1#	85
26) 2,4-Dimethylphenol	9.881	107	467849	34.763	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.116	93	532832	33.938	ng/u1#	98
29) 2,4-Dichlorophenol	10.357	162	381827	35.002	ng/u1#	84
30) Naphthalene	10.757	128	1218415	34.025	ng/u1	97
32) 4-Chloroaniline	10.863	127	480230	29.189	ng/u1	97
33) Hexachlorobutadiene	11.046	225	256482	34.332	ng/u1	93
34) Caprolactam	11.645	113	140743m	33.863	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	471421	35.914	ng/u1#	70
36) 2-Methylnaphthalene	12.363	142	864248	34.087	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	892660	34.634	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.734	216	493182	34.439	ng/ul#	93
40) Hexachlorocyclopentadiene	12.716	237	233387	29.236	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	338474	36.039	ng/ul	87
42) 2,4,5-Trichlorophenol	13.045	196	366340	35.792	ng/ul#	86
43) 1,1'-Biphenyl	13.369	154	1215470	34.928	ng/ul#	93
44) 2-Chloronaphthalene	13.416	162	939566	34.859	ng/ul	93
45) 2-Nitroaniline	13.616	65	335679	36.788	ng/ul#	82
47) Dimethylphthalate	13.992	163	1240697	34.456	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	268760	36.580	ng/ul	95
50) Acenaphthylene	14.257	152	1543887	34.879	ng/ul	96
51) 3-Nitroaniline	14.439	138	251006	39.049	ng/ul#	84
52) Acenaphthene	14.598	153	993089	34.658	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	148379	30.863	ng/ul#	79
55) 4-Nitrophenol	14.751	109	200179	33.157	ng/ul#	39
56) Dibenzofuran	14.934	168	1456804	34.745	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	391663	36.436	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.163	232	323690	35.630	ng/ul#	88
59) Diethylphthalate	15.357	149	1287229	34.630	ng/ul	93
61) Fluorene	15.586	166	1210602	34.859	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	617274	34.383	ng/ul	97
63) 4-Nitroaniline	15.604	138	275003m	43.294	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	226867	33.519	ng/ul#	92
67) N-Nitrosodiphenylamine	15.792	169	1068444	35.825	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	389065	36.303	ng/ul	94
69) Hexachlorobenzene	16.598	284	437955	35.333	ng/ul#	90
70) Atrazine	16.751	200	430622	35.740	ng/ul	91
71) Pentachlorophenol	16.939	266	265335	32.250	ng/ul#	83
72) Phenanthrene	17.333	178	2004896	35.842	ng/ul	99
74) Anthracene	17.422	178	2016704	35.547	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.339	216	510616	34.397	ng/uL#	84
76) Pentachlorobenzene	14.857	250	489620	34.497	ng/uL#	89
77) Carbazole	17.692	167	1790687	34.982	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	2275642	35.175	ng/ul#	93
80) Fluoranthene	19.292	202	2442400	38.563	ng/ul	97
82) Pyrene	19.645	202	2464043	37.587	ng/ul	97
83) Butylbenzylphthalate	20.516	149	1060882	37.998	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.286	252	669879	31.093	ng/ul#	95
85) Benzo(a)anthracene	21.357	228	2372577	36.005	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	1545979	36.702	ng/ul#	80
87) Chrysene	21.410	228	2328248	35.650	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	2629813	40.072	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2368906	36.998	ng/ul	99
91) Benzo(k)fluoranthene	23.110	252	2311334	38.259	ng/ul#	98
93) Benzo(a)pyrene	23.698	252	2272130	36.633	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.339	276	2255363	32.896	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.356	278	1961627	33.466	ng/ul#	95
96) Benzo(g,h,i)perylene	27.109	276	1592127	27.496	ng/ul#	91

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

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