

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010461.D
 Acq On : 21 May 2022 06:26
 Operator : CG/JU
 Sample : N2843-03MS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4H4MS

Quant Time: May 23 00:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	197474	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	852428	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	536252	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1120666	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	926147	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	760749	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	7309m	1.578	ng/uL	0.00
4) Pyridine-d5	3.764	84	52571	3.996	ng/ul	0.00
7) Phenol-d5	7.058	99	161276	9.730	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	125538	11.273	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	131619	10.378	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	128975	9.156	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	78992	11.973	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	55550	7.945	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	131360	9.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	164223	8.355	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	418998	10.605	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	549627	12.060	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	37676m	5.358	ng/ul	0.00
60) Fluorene-d10	15.516	176	431231	12.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	10982	1.676	ng/ul	0.00
73) Anthracene-d10	17.375	188	684646	13.492	ng/ul	0.00
81) Pyrene-d10	19.604	212	784382	15.948	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	528680	13.840	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	41366	8.619	ng/ul#	10
5) Pyridine	3.781	79	182396	13.342	ng/ul#	47
6) Benzaldehyde	7.028	77	293397	33.486	ng/ul	93
8) Phenol	7.087	94	477073	26.681	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.311	93	370109	26.326	ng/ul#	74
12) 2-Chlorophenol	7.458	128	363232	27.434	ng/ul	96
13) 2-Methylphenol	8.334	108	325979	24.421	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	595239	25.978	ng/ul#	82
16) Acetophenone	8.716	105	582453	26.318	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.699	70	304679	25.724	ng/ul#	73
18) 4-Methylphenol	8.663	108	368024	24.946	ng/ul	89
19) Hexachloroethane	8.969	117	155689	27.037	ng/ul#	78
22) Nitrobenzene	9.093	77	457026	26.361	ng/ul#	83
23) Isophorone	9.622	82	838637	26.171	ng/ul#	97
25) 2-Nitrophenol	9.805	139	206973	26.961	ng/ul#	83
26) 2,4-Dimethylphenol	9.869	107	187588	11.262	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.099	93	499962	26.203	ng/ul#	98
29) 2,4-Dichlorophenol	10.340	162	373481	27.632	ng/ul#	85
30) Naphthalene	10.740	128	1206805	27.105	ng/ul	97
32) 4-Chloroaniline	10.852	127	438816	22.495	ng/ul	99
33) Hexachlorobutadiene	11.034	225	252409	26.354	ng/ul	96
34) Caprolactam	11.634	113	126189m	26.752	ng/ul	
35) 4-Chloro-3-methylphenol	11.981	107	444638	28.121	ng/ul#	71
36) 2-Methylnaphthalene	12.352	142	836820	26.549	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	853844	26.829	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	460659	28.150	ng/ul#	95
40) Hexachlorocyclopentadiene	12.704	237	78623	8.837	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	322339	31.600	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.034	196	357651	31.401	ng/ul#	88
43) 1,1'-Biphenyl	13.357	154	1104803	28.068	ng/ul#	93
44) 2-Chloronaphthalene	13.399	162	861047	28.323	ng/ul	93
45) 2-Nitroaniline	13.604	65	310578	31.041	ng/ul#	78
47) Dimethylphthalate	13.981	163	1092335	27.872	ng/ul#	91
48) 2,6-Dinitrotoluene	14.098	165	246175	30.814	ng/ul	94
50) Acenaphthylene	14.246	152	1392449	28.244	ng/ul	95
51) 3-Nitroaniline	14.428	138	237219	31.637	ng/ul#	83
52) Acenaphthene	14.587	153	919230	28.582	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	68795	15.424	ng/ul#	78
55) 4-Nitrophenol	14.740	109	169260	27.068	ng/ul#	42
56) Dibenzofuran	14.922	168	1357966	28.812	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	363967	31.647	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.151	232	301036	30.736	ng/ul#	84
59) Diethylphthalate	15.345	149	1190968	29.782	ng/ul	93
61) Fluorene	15.575	166	1139498	29.563	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	578861	28.871	ng/ul	98
63) 4-Nitroaniline	15.593	138	249841	33.746	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	117403	17.962	ng/ul#	90
67) N-Nitrosodiphenylamine	15.781	169	1007994	32.073	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	366847	31.785	ng/ul	95
69) Hexachlorobenzene	16.587	284	416659	31.385	ng/ul#	91
70) Atrazine	16.740	200	403642	32.060	ng/ul#	89
71) Pentachlorophenol	16.928	266	216313	25.968	ng/ul#	82
72) Phenanthrene	17.316	178	2041523	34.135	ng/ul	98
74) Anthracene	17.410	178	1884421	31.408	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	474125	27.839	ng/uL#	86
76) Pentachlorobenzene	14.845	250	469353	30.373	ng/uL	89
77) Carbazole	17.681	167	1675605	31.778	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	2174803	33.864	ng/ul#	93
80) Fluoranthene	19.286	202	2622224	45.877	ng/ul	97
82) Pyrene	19.639	202	2553457	42.809	ng/ul	95
83) Butylbenzylphthalate	20.504	149	997873m	41.837	ng/ul	
84) 3,3'-Dichlorobenzidine	21.275	252	385126	20.690	ng/ul#	95
85) Benzo(a)anthracene	21.345	228	2116613	36.547	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1429419	40.840	ng/ul#	81
87) Chrysene	21.398	228	2097527	36.820	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	2263103	39.655	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1994458	39.333	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	1606202	33.329	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	1718375	36.475	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	1701448	38.390	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.339	278	1367935	35.571	ng/ul#	95
96) Benzo(g,h,i)perylene	27.092	276	1041161	28.134	ng/ul#	90

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

