

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010483.D
 Acq On : 23 May 2022 18:52
 Operator : CG/JU
 Sample : N2871-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P017-SS001-1824-01MS

Quant Time: May 23 23:20:27 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 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	118253	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.693	136	518104	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	343098	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	738117	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	690721	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	562306	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	14892m	5.368	ng/uL	0.00
4) Pyridine-d5	3.758	84	120674	15.319	ng/ul	0.00
7) Phenol-d5	7.058	99	99957	10.071	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	336205	50.417	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	292087	38.459	ng/ul	-0.01
15) 4-Methylphenol-d8	8.605	113	204733	24.272	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	214963	53.610	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	221253	52.067	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	377564	46.990	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	509729	42.666	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1417340	56.069	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1581873	54.252	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	51220m	11.384	ng/ul	0.00
60) Fluorene-d10	15.516	176	1216628	55.322	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	242820	56.250	ng/ul	0.00
73) Anthracene-d10	17.375	188	1947017	58.254	ng/ul	0.00
81) Pyrene-d10	19.604	212	2337976	63.736	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	1741079	61.663	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	20169	7.018	ng/uL#	13
5) Pyridine	3.781	79	131722	16.090	ng/ul#	25
6) Benzaldehyde	7.028	77	378992m	72.232	ng/ul	
8) Phenol	7.081	94	117363	10.961	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.310	93	441682	52.464	ng/ul#	73
12) 2-Chlorophenol	7.452	128	317443	40.038	ng/ul	98
13) 2-Methylphenol	8.334	108	248933	31.142	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	733072	53.428	ng/ul#	82
16) Acetophenone	8.716	105	705403	53.227	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.699	70	389057	54.853	ng/ul#	70
18) 4-Methylphenol	8.663	108	227694	25.774	ng/ul	87
19) Hexachloroethane	8.969	117	174124	50.496	ng/ul#	81
22) Nitrobenzene	9.093	77	566655	53.776	ng/ul#	83
23) Isophorone	9.622	82	1085084	55.712	ng/ul#	97
25) 2-Nitrophenol	9.804	139	247292	52.999	ng/ul#	84
26) 2,4-Dimethylphenol	9.869	107	434581	42.924	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.099	93	620620	53.516	ng/ul#	96
29) 2,4-Dichlorophenol	10.340	162	395858	48.187	ng/ul#	85
30) Naphthalene	10.746	128	4138475	152.929	ng/ul	97
32) 4-Chloroaniline	10.851	127	518153	43.702	ng/ul	98
33) Hexachlorobutadiene	11.034	225	291272	50.036	ng/ul	95
34) Caprolactam	11.651	113	21942m	7.653	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	425944	44.322	ng/ul#	69
36) 2-Methylnaphthalene	12.351	142	1035510	54.052	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1089058	56.302	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.722	216	562066	53.683	ng/ul	95
40) Hexachlorocyclopentadiene	12.698	237	189241	33.245	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	367878	56.367	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.028	196	395925	54.331	ng/ul#	87
43) 1,1'-Biphenyl	13.357	154	1387411	55.092	ng/ul#	93
44) 2-Chloronaphthalene	13.398	162	1079553	55.501	ng/ul	93
45) 2-Nitroaniline	13.604	65	411779	64.325	ng/ul#	79
47) Dimethylphthalate	13.981	163	1445930	57.665	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	321926	62.981	ng/ul	93
50) Acenaphthylene	14.245	152	1775364	56.284	ng/ul	95
51) 3-Nitroaniline	14.428	138	283539	59.103	ng/ul#	83
52) Acenaphthene	14.587	153	2340459	113.741	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	154750	54.227	ng/ul#	66
55) 4-Nitrophenol	14.740	109	47180	11.793	ng/ul#	48
56) Dibenzofuran	14.922	168	1781275	59.069	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	463837	63.036	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.151	232	362872	57.908	ng/ul#	86
59) Diethylphthalate	15.345	149	1527299	59.693	ng/ul	93
61) Fluorene	15.575	166	1911015	77.492	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	728000	56.750	ng/ul	95
63) 4-Nitroaniline	15.592	138	330842m	69.844	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	247589	57.512	ng/ul#	88
67) N-Nitrosodiphenylamine	15.781	169	1245890	60.188	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	458644	60.335	ng/ul	93
69) Hexachlorobenzene	16.586	284	515465	58.952	ng/ul#	88
70) Atrazine	16.739	200	504580	60.848	ng/ul#	90
71) Pentachlorophenol	16.928	266	323523	58.968	ng/ul#	85
72) Phenanthrene	17.316	178	2400452	60.938	ng/ul	98
74) Anthracene	17.410	178	2382452	60.288	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	585183	52.167	ng/uL#	87
76) Pentachlorobenzene	14.845	250	572545	56.254	ng/uL	92
77) Carbazole	17.681	167	3755686	108.141	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	2749367	64.999	ng/ul#	93
80) Fluoranthene	19.280	202	2886233	67.707	ng/ul	98
82) Pyrene	19.633	202	2897607	65.136	ng/ul	97
83) Butylbenzylphthalate	20.504	149	1311844	73.747	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.274	252	745922	53.731	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	2731547	63.241	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	1893708	72.547	ng/ul#	81
87) Chrysene	21.398	228	2655386	62.500	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	3226498	76.488	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	2490747	66.456	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	2220439	62.335	ng/ul#	97
93) Benzo(a)pyrene	23.680	252	2192980	62.977	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.315	276	2121100	64.748	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.327	278	1852504	65.171	ng/ul#	95
96) Benzo(g,h,i)perylene	27.080	276	1788560	65.386	ng/ul#	91

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

