

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
 Data File : BP011994.D
 Acq On : 07 Oct 2022 05:27
 Operator : CG/JU
 Sample : N4923-20MS
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E10007MS

Quant Time: Oct 07 05:57:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 03:22:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/07/2022
 Supervised By :mohammad ahmed 10/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	304382	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	711459	20.000	ng/ul	0.07
38) Acenaphthene-d10	14.540	164	791225	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.298	188	1477994	20.000	ng/ul	0.02
79) Chrysene-d12	21.386	240	1478068	20.000	ng/ul	0.02
88) Perylene-d12	23.816	264	1654046	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	30216	4.378	ng/uL	0.00
4) Pyridine-d5	3.728	84	56147	2.777	ng/ul	0.01
7) Phenol-d5	7.105	99	73207m	2.786	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.258	67	157145	10.789	ng/ul	0.05
11) 2-Chlorophenol-d4	7.434	132	441314	21.275	ng/ul	0.03
15) 4-Methylphenol-d8	8.681	113	145201m	6.684	ng/ul	0.09
21) Nitrobenzene-d5	9.116	128	370031	68.283	ng/ul	0.08
24) 2-Nitrophenol-d4	9.810	143	388889	67.075	ng/ul	0.05
28) 2,4-Dichlorophenol-d3	10.416	165	528954	49.324	ng/ul	0.11
31) 4-Chloroaniline-d4	10.905	131	1004129	61.418	ng/ul	0.08
46) Dimethylphthalate-d6	13.975	166	1994554	35.251	ng/ul	0.04
49) Acenaphthylene-d8	14.240	160	2279139	35.334	ng/ul	0.02
54) 4-Nitrophenol-d4	14.775	143	424673m	36.245	ng/ul	0.05
60) Fluorene-d10	15.534	176	2014931	41.006	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.710	200	185293m	20.713	ng/ul	0.08
73) Anthracene-d10	17.404	188	2660718	39.520	ng/ul	0.03
81) Pyrene-d10	19.633	212	2655040	35.469	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.663	264	3272368	39.521	ng/ul	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	36029	4.833	ng/uL	97
5) Pyridine	3.746	79	2274283	115.912	ng/ul	93
6) Benzaldehyde	7.022	77	2209050m	191.910	ng/ul	
8) Phenol	7.222	94	34250885m	1256.697	ng/ul	
10) Bis(2-Chloroethyl)ether	7.352	93	560524	25.846	ng/ul	96
12) 2-Chlorophenol	7.475	128	476769	21.499	ng/ul	98
13) 2-Methylphenol	8.399	108	19360627m	901.634	ng/ul	
14) 2,2'-oxybis(1-Chloropr...	8.475	45	201830	9.440	ng/ul#	1
16) Acetophenone	8.958	105	2591837m	78.260	ng/ul	
17) N-Nitroso-di-n-propyla...	8.934	70	358089m	22.973	ng/ul	
18) 4-Methylphenol	8.905	108	47126867m	1991.934	ng/ul	
19) Hexachloroethane	8.969	117	230432	27.860	ng/ul	94
22) Nitrobenzene	9.158	77	1468524m	126.003	ng/ul	
23) Isophorone	9.699	82	1138	0.048	ng/ul#	1
25) 2-Nitrophenol	9.846	139	401168	60.583	ng/ul	98
26) 2,4-Dimethylphenol	10.022	107	30290127m	2434.998	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.187	93	894574	58.647	ng/ul#	96
29) 2,4-Dichlorophenol	10.446	162	421181m	37.904	ng/ul	
30) Naphthalene	10.799	128	57891420m	1514.956	ng/ul	
32) 4-Chloroaniline	10.928	127	461673	27.602	ng/ul	99
33) Hexachlorobutadiene	11.040	225	429796	65.347	ng/ul	99
34) Caprolactam	11.716	113	2932	0.746	ng/ul#	79
35) 4-Chloro-3-methylphenol	12.081	107	709793	60.245	ng/ul	89
36) 2-Methylnaphthalene	12.399	142	14522027	544.172	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	10934356m	408.337	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.740	216	860334	37.494	ng/ul	99
40) Hexachlorocyclopentadiene	12.704	237	2175	0.166	ng/ul#	82
41) 2,4,6-Trichlorophenol	13.010	196	555025m	36.135	ng/ul	
42) 2,4,5-Trichlorophenol	13.093	196	590863m	35.315	ng/ul	
43) 1,1'-Biphenyl	13.375	154	5088933	86.955	ng/ul	97
44) 2-Chloronaphthalene	13.422	162	1409880	30.471	ng/ul	99
45) 2-Nitroaniline	13.646	65	410818	36.373	ng/ul	92
47) Dimethylphthalate	14.022	163	2155203	36.346	ng/ul	100
48) 2,6-Dinitrotoluene	14.134	165	445448	38.546	ng/ul#	86
50) Acenaphthylene	14.275	152	11450857	159.844	ng/ul	97
51) 3-Nitroaniline	14.469	138	447219	33.388	ng/ul#	93
52) Acenaphthene	14.604	153	4831769	95.598	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	101828m	12.997	ng/ul	
55) 4-Nitrophenol	14.816	109	45236m	5.719	ng/ul	
56) Dibenzofuran	14.951	168	9685217	139.907	ng/ul	95
57) 2,4-Dinitrotoluene	14.945	165	479989m	28.416	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.187	232	528491	36.360	ng/ul#	93
59) Diethylphthalate	15.381	149	2132514	35.898	ng/ul	99
61) Fluorene	15.598	166	7862632	138.673	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.581	204	908331	32.361	ng/ul	99
63) 4-Nitroaniline	15.657	138	439808	34.409	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.728	198	171256m	18.070	ng/ul	
67) N-Nitrosodiphenylamine	15.804	169	1621490	37.190	ng/ul	96
68) 4-Bromophenyl-phenylether	16.475	248	622267	41.391	ng/ul#	67
69) Hexachlorobenzene	16.598	284	697265	40.757	ng/ul	95
70) Atrazine	16.804	200	41750m	2.654	ng/ul	
71) Pentachlorophenol	16.963	266	441882	39.271	ng/ul	98
72) Phenanthrene	17.357	178	17510640	215.582	ng/ul	95
74) Anthracene	17.445	178	12027328	147.169	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.340	216	921485	45.170	ng/ul	98
76) Pentachlorobenzene	14.863	250	580494	26.630	ng/ul	98
77) Carbazole	17.716	167	10423290	141.161	ng/ul	96
78) Di-n-butylphthalate	18.263	149	3097392	34.254	ng/ul	97
80) Fluoranthene	19.316	202	12882164m	140.621	ng/ul	
82) Pyrene	19.663	202	10831162	113.557	ng/ul#	86
83) Butylbenzylphthalate	20.528	149	1620529	39.311	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.304	252	565270	16.612	ng/ul#	95
85) Benzo(a)anthracene	21.369	228	8773721	90.771	ng/ul	91
86) Bis(2-ethylhexyl)phtha...	21.280	149	2362211	38.042	ng/ul#	96
87) Chrysene	21.422	228	7657884	84.422	ng/ul	96
89) Di-n-octyl phthalate	22.210	149	4107396	38.922	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	8853318	83.860	ng/ul	97
91) Benzo(k)fluoranthene	23.127	252	5929575	58.325	ng/ul	97
93) Benzo(a)pyrene	23.721	252	7933671	84.209	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.363	276	6796351	56.674	ng/ul	97
95) Dibenzo(a,h)anthracene	26.374	278	4512769	42.362	ng/ul	97
96) Benzo(g,h,i)perylene	27.139	276	5965676	56.113	ng/ul	96

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

