

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050522\
 Data File : BP010257.D
 Acq On : 05 May 2022 20:48
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020791

Quant Time: May 06 02:08:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 01:05:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2022
 Supervised By :mohammad ahmed 05/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	182276	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	796343	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	525530	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1063795	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	734891	20.000	ng/ul	# 0.00
88) Perylene-d12	23.821	264	639180	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	33982m	8.130	ng/uL	0.00
4) Pyridine-d5	3.769	84	219136	18.635	ng/ul	0.00
7) Phenol-d5	7.081	99	324069	19.546	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	211976	21.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	256277	20.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	268895	19.575	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	132263	20.882	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	149879	21.667	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	277512	20.608	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	368067	19.063	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	843144	20.625	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1046889m	21.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	124473	16.539	ng/ul	0.00
60) Fluorene-d10	15.539	176	699584	19.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	120619	17.932	ng/ul	0.00
73) Anthracene-d10	17.398	188	1061219	20.620	ng/ul	0.00
81) Pyrene-d10	19.627	212	1077603	25.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	709907	21.185	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	33998	7.827	ng/uL#	12
5) Pyridine	3.793	79	232158	18.993	ng/ul#	45
6) Benzaldehyde	7.052	77	202047	22.804	ng/ul	93
8) Phenol	7.105	94	329699	19.791	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.334	93	272376	21.222	ng/ul#	79
12) 2-Chlorophenol	7.481	128	259131	20.922	ng/ul	95
13) 2-Methylphenol	8.357	108	253839	19.868	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.446	45	422656	22.193	ng/ul#	85
16) Acetophenone	8.740	105	425945	19.874	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.728	70	227154	20.230	ng/ul#	76
18) 4-Methylphenol	8.687	108	272595	19.378	ng/ul	90
19) Hexachloroethane	8.999	117	110518	21.236	ng/ul#	79
22) Nitrobenzene	9.116	77	331439	21.358	ng/ul#	85
23) Isophorone	9.646	82	630411	20.568	ng/ul#	96
25) 2-Nitrophenol	9.828	139	152378	20.799	ng/ul#	84
26) 2,4-Dimethylphenol	9.893	107	324100	20.433	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.128	93	379557	21.128	ng/ul#	98
29) 2,4-Dichlorophenol	10.369	162	265655	20.522	ng/ul#	83
30) Naphthalene	10.769	128	878108	21.068	ng/ul	97
32) 4-Chloroaniline	10.875	127	371643	19.532	ng/ul	100
33) Hexachlorobutadiene	11.063	225	191452	20.868	ng/ul	95
34) Caprolactam	11.651	113	85130m	18.283	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	300918	19.243	ng/ul#	67
36) 2-Methylnaphthalene	12.375	142	616021	20.379	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	617339m	20.113	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.745	216	356760	21.973	ng/ul	93
40) Hexachlorocyclopentadiene	12.728	237	173662	18.979	ng/ul	98
41) 2,4,6-Trichlorophenol	12.981	196	218677	20.816	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.057	196	245670m	21.493	ng/ul	
43) 1,1'-Biphenyl	13.381	154	835451	21.554	ng/ul#	93
44) 2-Chloronaphthalene	13.422	162	645142	21.508	ng/ul	94
45) 2-Nitroaniline	13.628	65	200414	20.605	ng/ul#	83
47) Dimethylphthalate	14.004	163	808594	20.352	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	169429	20.780	ng/ul	93
50) Acenaphthylene	14.269	152	1036092	21.141	ng/ul	95
51) 3-Nitroaniline	14.451	138	103053m	13.952	ng/ul	
52) Acenaphthene	14.610	153	664892	20.864	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	68145	14.957	ng/ul#	78
55) 4-Nitrophenol	14.757	109	101882	15.582	ng/ul#	40
56) Dibenzofuran	14.945	168	961213	20.370	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	232453	19.515	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.175	232	200093	19.694	ng/ul#	87
59) Diethylphthalate	15.369	149	825989	20.439	ng/ul	93
61) Fluorene	15.598	166	787521	20.327	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.586	204	413658	20.287	ng/ul	97
63) 4-Nitroaniline	15.610	138	95139m	13.238	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	119496	18.413	ng/ul#	89
67) N-Nitrosodiphenylamine	15.804	169	680146	22.283	ng/ul	96
68) 4-Bromophenyl-phenylether	16.486	248	249635	22.000	ng/ul	93
69) Hexachlorobenzene	16.610	284	277064	21.036	ng/ul#	91
70) Atrazine	16.757	200	259672	20.926	ng/ul	91
71) Pentachlorophenol	16.951	266	150152	17.901	ng/ul#	85
72) Phenanthrene	17.345	178	1200405	20.761	ng/ul	99
74) Anthracene	17.433	178	1205167	20.694	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	367985m	23.695	ng/uL	
76) Pentachlorobenzene	14.869	250	341117	22.399	ng/uL	90
77) Carbazole	17.698	167	1004270	19.487	ng/ul#	95
78) Di-n-butylphthalate	18.251	149	1368950	21.591	ng/ul#	93
80) Fluoranthene	19.304	202	1271457	26.972	ng/ul	98
82) Pyrene	19.657	202	1261520	25.975	ng/ul	96
83) Butylbenzylphthalate	20.527	149	530249	26.413	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.298	252	224525	16.980	ng/ul#	92
85) Benzo(a)anthracene	21.363	228	988132	21.187	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.286	149	749029	25.174	ng/ul#	81
87) Chrysene	21.416	228	952761	20.747	ng/ul	98
89) Di-n-octyl phthalate	22.221	149	1093089	21.998	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	885863	20.616	ng/ul	99
91) Benzo(k)fluoranthene	23.121	252	873996	21.472	ng/ul#	97
93) Benzo(a)pyrene	23.710	252	850696	21.408	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.368	276	933084	23.605	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.386	278	799665	23.642	ng/ul#	95
96) Benzo(g,h,i)perylene	27.145	276	803915	24.102	ng/ul#	91

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

