

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010309.D
 Acq On : 12 May 2022 04:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020795

Quant Time: May 12 07:39:32 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	202540	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	915067	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	637781	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1382333	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	1400171	20.000	ng/ul	# 0.00
88) Perylene-d12	23.798	264	1362554	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	41330m	8.669	ng/uL	0.00
4) Pyridine-d5	3.764	84	287638	21.680	ng/ul	0.00
7) Phenol-d5	7.069	99	413708	21.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	263980	22.684	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	315650	22.784	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	342766	22.163	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	167148	22.781	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	190082	22.722	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	350649	23.029	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	496455	22.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	1108453	21.816	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1362089	22.485	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	200412m	20.563	ng/ul	0.00
60) Fluorene-d10	15.528	176	946670	22.072	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	195979	20.703	ng/ul	0.00
73) Anthracene-d10	17.386	188	1501671	22.183	ng/ul	0.00
81) Pyrene-d10	19.616	212	1777796	22.976	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	1658620	22.826	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	43337	8.893	ng/uL#	17
5) Pyridine	3.781	79	299655	21.549	ng/ul#	38
6) Benzaldehyde	7.040	77	277110	26.656	ng/ul	92
8) Phenol	7.099	94	416655	21.969	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.328	93	333709	22.486	ng/ul#	72
12) 2-Chlorophenol	7.469	128	315684	22.688	ng/ul	96
13) 2-Methylphenol	8.346	108	320177	22.242	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	539978	23.131	ng/ul#	83
16) Acetophenone	8.728	105	539427	22.314	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.716	70	293530	23.243	ng/ul#	71
18) 4-Methylphenol	8.681	108	355116	22.547	ng/ul	97
19) Hexachloroethane	8.987	117	134179	22.618	ng/ul#	79
22) Nitrobenzene	9.104	77	422655	22.693	ng/ul#	82
23) Isophorone	9.640	82	811488	22.247	ng/ul#	97
25) 2-Nitrophenol	9.822	139	194932	22.683	ng/ul#	85
26) 2,4-Dimethylphenol	9.881	107	416209	22.682	ng/ul#	81
27) Bis(2-Chloroethoxy)met...	10.116	93	479082	22.380	ng/ul#	97
29) 2,4-Dichlorophenol	10.357	162	336691	22.637	ng/ul#	84
30) Naphthalene	10.757	128	1080944	22.139	ng/ul	97
32) 4-Chloroaniline	10.863	127	497095	22.160	ng/ul	100
33) Hexachlorobutadiene	11.051	225	226164	22.203	ng/ul	95
34) Caprolactam	11.640	113	117185m	20.679	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	401504	22.433	ng/ul#	68
36) 2-Methylnaphthalene	12.363	142	767841	22.211	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	781342	22.234	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.734	216	440204	22.452	ng/ul	94
40) Hexachlorocyclopentadiene	12.716	237	249006	22.783	ng/ul	96
41) 2,4,6-Trichlorophenol	12.975	196	288257	22.418	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.045	196	323315m	23.072	ng/ul	
43) 1,1'-Biphenyl	13.375	154	1066857	22.392	ng/ul	94
44) 2-Chloronaphthalene	13.416	162	824894	22.353	ng/ul	92
45) 2-Nitroaniline	13.616	65	283757	22.714	ng/ul#	80
47) Dimethylphthalate	13.992	163	1072335	21.752	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	228491	22.715	ng/ul	95
50) Acenaphthylene	14.257	152	1344369	22.184	ng/ul	95
51) 3-Nitroaniline	14.439	138	168518	19.148	ng/ul#	84
52) Acenaphthene	14.598	153	873371	22.263	ng/ul	96
53) 2,4-Dinitrophenol	14.645	184	121204	18.414	ng/ul#	77
55) 4-Nitrophenol	14.751	109	173465	20.986	ng/ul#	44
56) Dibenzofuran	14.934	168	1264646	22.031	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	327596	22.260	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.163	232	270339	21.735	ng/ul#	86
59) Diethylphthalate	15.357	149	1092877	21.475	ng/ul#	93
61) Fluorene	15.586	166	1045308	21.985	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.581	204	544063	22.135	ng/ul	98
63) 4-Nitroaniline	15.604	138	157674m	18.131	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	190335	20.640	ng/ul#	86
67) N-Nitrosodiphenylamine	15.792	169	913460	22.480	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	326981	22.393	ng/ul	95
69) Hexachlorobenzene	16.598	284	370524m	21.940	ng/ul	
70) Atrazine	16.745	200	358742	21.852	ng/ul	92
71) Pentachlorophenol	16.939	266	236572	21.104	ng/ul#	82
72) Phenanthrene	17.328	178	1691798	22.198	ng/ul	99
74) Anthracene	17.422	178	1706213	22.073	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	463094	22.896	ng/uL#	86
76) Pentachlorobenzene	14.863	250	441006	22.805	ng/uL	90
77) Carbazole	17.692	167	1508710	21.632	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	1888594	21.426	ng/ul#	93
80) Fluoranthene	19.292	202	2031567	23.092	ng/ul	97
82) Pyrene	19.645	202	2094398	23.000	ng/ul	95
83) Butylbenzylphthalate	20.516	149	881053	22.719	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.280	252	604676	20.206	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	2025678	22.131	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.274	149	1297290	22.172	ng/ul#	81
87) Chrysene	21.404	228	1992507	21.964	ng/ul	98
89) Di-n-octyl phthalate	22.210	149	2208892	24.082	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	2034322	22.733	ng/ul	99
91) Benzo(k)fluoranthene	23.110	252	1954248	23.145	ng/ul#	98
93) Benzo(a)pyrene	23.698	252	1962060	22.634	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	1979740	20.661	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.351	278	1717598	20.966	ng/ul#	95
96) Benzo(g,h,i)perylene	27.109	276	1615395	19.961	ng/ul#	91

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

