

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010292.D
 Acq On : 11 May 2022 18:16
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020794

Quant Time: May 12 03:13:12 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	145779	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	666445	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	467039	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	1015432	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1033231	20.000	ng/u1	# 0.00
88) Perylene-d12	23.804	264	1015380	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	29093	8.478	ng/uL	0.00
4) Pyridine-d5	3.764	84	194300	20.347	ng/u1	0.00
7) Phenol-d5	7.069	99	275005	20.311	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	176829	21.111	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	209902	21.050	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	230503	20.707	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	113184	21.181	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	123782	20.317	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	232187	20.938	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	335162	20.473	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	760966	20.452	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	924921	20.850	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	132781m	18.605	ng/u1	0.00
60) Fluorene-d10	15.528	176	649378	20.676	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	132109	18.999	ng/u1	0.00
73) Anthracene-d10	17.387	188	1025878	20.631	ng/u1	0.00
81) Pyrene-d10	19.616	212	1224394	21.444	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.645	264	1118307	20.652	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	28589	8.151	ng/uL#	11
5) Pyridine	3.787	79	206243	20.606	ng/u1#	41
6) Benzaldehyde	7.046	77	182090m	24.336	ng/u1	
8) Phenol	7.099	94	277299	20.314	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.328	93	226325	21.188	ng/u1#	74
12) 2-Chlorophenol	7.469	128	211066	21.076	ng/u1	95
13) 2-Methylphenol	8.352	108	212021	20.464	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	367764	21.888	ng/u1#	82
16) Acetophenone	8.728	105	359917	20.685	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.716	70	198205	21.806	ng/u1#	70
18) 4-Methylphenol	8.681	108	236834	20.892	ng/u1	96
19) Hexachloroethane	8.987	117	90584	21.215	ng/u1#	80
22) Nitrobenzene	9.105	77	278631	20.541	ng/u1#	84
23) Isophorone	9.640	82	552153	20.784	ng/u1#	97
25) 2-Nitrophenol	9.822	139	130207	20.803	ng/u1#	85
26) 2,4-Dimethylphenol	9.881	107	279238	20.894	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.116	93	322674	20.697	ng/u1#	97
29) 2,4-Dichlorophenol	10.357	162	223679	20.649	ng/u1#	85
30) Naphthalene	10.757	128	736583	20.714	ng/u1	97
32) 4-Chloroaniline	10.869	127	336553	20.600	ng/u1	97
33) Hexachlorobutadiene	11.052	225	156018	21.031	ng/u1	95
34) Caprolactam	11.646	113	79897m	19.358	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	271054m	20.794	ng/u1	
36) 2-Methylnaphthalene	12.369	142	518984	20.613	ng/u1	92

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	537170	20.988	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.740	216	296543	20.654	ng/ul	92
40) Hexachlorocyclopentadiene	12.722	237	169201	21.141	ng/ul	95
41) 2,4,6-Trichlorophenol	12.975	196	195587	20.772	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.046	196	214975	20.949	ng/ul#	86
43) 1,1'-Biphenyl	13.375	154	728256	20.873	ng/ul	93
44) 2-Chloronaphthalene	13.416	162	562219	20.805	ng/ul	93
45) 2-Nitroaniline	13.616	65	189294	20.692	ng/ul#	80
47) Dimethylphthalate	13.993	163	741049	20.527	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	154359	20.956	ng/ul	92
50) Acenaphthylene	14.257	152	926275	20.872	ng/ul	95
51) 3-Nitroaniline	14.440	138	109736	17.028	ng/ul#	84
52) Acenaphthene	14.604	153	593968	20.676	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	82780	17.174	ng/ul#	77
55) 4-Nitrophenol	14.751	109	113785	18.799	ng/ul#	48
56) Dibenzofuran	14.940	168	865162	20.581	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	223555	20.744	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.163	232	186935	20.524	ng/ul#	88
59) Diethylphthalate	15.357	149	749047	20.100	ng/ul	93
61) Fluorene	15.587	166	717987	20.621	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.581	204	371131	20.619	ng/ul	97
63) 4-Nitroaniline	15.604	138	101733m	15.975	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	131678	19.438	ng/ul#	87
67) N-Nitrosodiphenylamine	15.793	169	621449	20.820	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	223101	20.800	ng/ul	95
69) Hexachlorobenzene	16.598	284	255574	20.601	ng/ul#	91
70) Atrazine	16.751	200	240667	19.957	ng/ul#	89
71) Pentachlorophenol	16.939	266	154822	18.802	ng/ul#	84
72) Phenanthrene	17.334	178	1155740	20.643	ng/ul	98
74) Anthracene	17.422	178	1157988	20.393	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.340	216	315349	21.225	ng/uL#	85
76) Pentachlorobenzene	14.863	250	303893	21.393	ng/uL	91
77) Carbazole	17.692	167	1019233	19.894	ng/ul#	96
78) Di-n-butylphthalate	18.245	149	1290908	19.937	ng/ul#	92
80) Fluoranthene	19.292	202	1389131	21.398	ng/ul	98
82) Pyrene	19.645	202	1430669	21.291	ng/ul	97
83) Butylbenzylphthalate	20.516	149	595603	20.812	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.286	252	423633	19.183	ng/ul#	95
85) Benzo(a)anthracene	21.357	228	1375017	20.357	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.280	149	881139	20.408	ng/ul#	81
87) Chrysene	21.410	228	1369188	20.453	ng/ul	100
89) Di-n-octyl phthalate	22.210	149	1469635	21.501	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	1419058	21.279	ng/ul	100
91) Benzo(k)fluoranthene	23.110	252	1321295	20.999	ng/ul#	97
93) Benzo(a)pyrene	23.698	252	1334209	20.653	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	1356463	18.996	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.357	278	1177029	19.280	ng/ul#	96
96) Benzo(g,h,i)perylene	27.115	276	1112314	18.444	ng/ul#	89

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

