

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040822\
 Data File : BP009743.D
 Acq On : 09 Apr 2022 06:36
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020741

Quant Time: Apr 09 07:22:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 19:16:52 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :Yogesh Patel 04/12/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	91635	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.781	136	415380	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	301290	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	684103	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.433	240	779571	20.000	ng/u1	-0.01
88) Perylene-d12	23.904	264	833312	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	15595m	7.595	ng/uL	0.00
4) Pyridine-d5	3.805	84	112310	19.839	ng/u1	0.00
7) Phenol-d5	7.122	99	162581	20.209	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	99556	20.787	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.499	132	123319	20.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	135419	20.164	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	65498	21.866	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.857	143	70941	21.602	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	139984	20.370	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	194875	19.910	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	480374	20.297	ng/u1	-0.01
49) Acenaphthylene-d8	14.292	160	566993	20.222	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.781	143	89799	20.922	ng/u1	0.00
60) Fluorene-d10	15.598	176	401042	20.143	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	81414	20.089	ng/u1	0.00
73) Anthracene-d10	17.451	188	664389	20.284	ng/u1	-0.01
81) Pyrene-d10	19.680	212	824628	19.368	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.745	264	879568	20.268	ng/u1	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	15976	7.633	ng/uL#	17
5) Pyridine	3.822	79	117821	19.948	ng/u1#	39
6) Benzaldehyde	7.105	77	111321	22.563	ng/u1	98
8) Phenol	7.152	94	162183	20.140	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.387	93	127746	20.365	ng/u1#	72
12) 2-Chlorophenol	7.534	128	124172	20.296	ng/u1	94
13) 2-Methylphenol	8.410	108	123471	19.663	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.510	45	192494	20.761	ng/u1#	84
16) Acetophenone	8.793	105	219337	20.729	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.781	70	116431	21.224	ng/u1#	74
18) 4-Methylphenol	8.734	108	138467	20.362	ng/u1	89
19) Hexachloroethane	9.063	117	52399	20.285	ng/u1	84
22) Nitrobenzene	9.169	77	164243	21.362	ng/u1#	83
23) Isophorone	9.704	82	324845	20.504	ng/u1	97
25) 2-Nitrophenol	9.887	139	76575	21.862	ng/u1#	87
26) 2,4-Dimethylphenol	9.946	107	169947	20.446	ng/u1#	82
27) Bis(2-Chloroethoxy)met...	10.187	93	186680	20.069	ng/u1#	98
29) 2,4-Dichlorophenol	10.422	162	134600	20.203	ng/u1#	83
30) Naphthalene	10.828	128	439432	20.570	ng/u1	96
32) 4-Chloroaniline	10.934	127	191204	19.741	ng/u1	98
33) Hexachlorobutadiene	11.128	225	96875	20.189	ng/u1	94
34) Caprolactam	11.693	113	50057m	22.719	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	166707	20.651	ng/u1#	70
36) 2-Methylnaphthalene	12.434	142	314112	20.126	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.657	142	323151	20.506	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.804	216	185987	20.177	ng/ul#	93
40) Hexachlorocyclopentadiene	12.793	237	115110	17.995	ng/ul	97
41) 2,4,6-Trichlorophenol	13.040	196	120601	20.487	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.104	196	135681	21.328	ng/ul#	87
43) 1,1'-Biphenyl	13.440	154	442420	20.125	ng/ul	94
44) 2-Chloronaphthalene	13.481	162	339100	20.067	ng/ul	94
45) 2-Nitroaniline	13.675	65	114999	23.222	ng/ul#	80
47) Dimethylphthalate	14.057	163	465074	20.417	ng/ul#	93
48) 2,6-Dinitrotoluene	14.169	165	94325	22.513	ng/ul	99
50) Acenaphthylene	14.322	152	562447	20.327	ng/ul	95
51) 3-Nitroaniline	14.492	138	98251	22.556	ng/ul#	81
52) Acenaphthene	14.669	153	366719	20.242	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	50137	19.797	ng/ul#	82
55) 4-Nitrophenol	14.792	109	85752	21.704	ng/ul#	54
56) Dibenzofuran	14.998	168	544927	20.437	ng/ul	98
57) 2,4-Dinitrotoluene	14.957	165	138790	22.559	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.222	232	122668m	21.148	ng/ul	
59) Diethylphthalate	15.422	149	486577	20.640	ng/ul#	92
61) Fluorene	15.651	166	447932	20.395	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.645	204	232362	19.898	ng/ul	94
63) 4-Nitroaniline	15.657	138	108905	24.962	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.716	198	80923	20.088	ng/ul#	89
67) N-Nitrosodiphenylamine	15.857	169	392234	20.029	ng/ul	95
68) 4-Bromophenyl-phenylether	16.545	248	147465	19.914	ng/ul	95
69) Hexachlorobenzene	16.663	284	170592	20.034	ng/ul#	89
70) Atrazine	16.810	200	162513	20.105	ng/ul	91
71) Pentachlorophenol	16.998	266	112228	19.472	ng/ul#	82
72) Phenanthrene	17.398	178	749537	20.526	ng/ul	99
74) Anthracene	17.486	178	751058	20.287	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.404	216	199024	20.122	ng/uL#	85
76) Pentachlorobenzene	14.922	250	192819	20.001	ng/uL	91
77) Carbazole	17.751	167	689032	20.594	ng/ul#	94
78) Di-n-butylphthalate	18.310	149	835350	20.304	ng/ul#	93
80) Fluoranthene	19.357	202	939116	19.163	ng/ul#	94
82) Pyrene	19.710	202	966617	19.454	ng/ul#	91
83) Butylbenzylphthalate	20.580	149	398925	19.571	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.345	252	362362	21.813	ng/ul#	94
85) Benzo(a)anthracene	21.416	228	1006673	20.369	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.351	149	599641	19.558	ng/ul#	82
87) Chrysene	21.474	228	985346	20.665	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	1034863	17.725	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	1069594	19.319	ng/ul	99
91) Benzo(k)fluoranthene	23.204	252	1013650	20.064	ng/ul#	97
93) Benzo(a)pyrene	23.798	252	1043837	20.340	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.492	276	1215510	22.650	ng/ul	97
95) Dibenzo(a,h)anthracene	26.515	278	1045639	22.470	ng/ul#	96
96) Benzo(g,h,i)perylene	27.286	276	1011411	22.857	ng/ul	94

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

