

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
 Data File : BP009758.D
 Acq On : 11 Apr 2022 19:19
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020743

Quant Time: Apr 12 01:52:54 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 04/13/2022
 Supervised By :Yogesh Patel 04/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	126038	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.781	136	564540	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.604	164	404651	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.351	188	889958	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.433	240	899838	20.000	ng/u1	-0.01
88) Perylene-d12	23.904	264	854736	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	22938	8.122	ng/uL	0.00
4) Pyridine-d5	3.805	84	154339	19.822	ng/u1	0.00
7) Phenol-d5	7.122	99	212371	19.192	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	131732	19.997	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.499	132	164615	19.722	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	178137	19.285	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	86756	21.310	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.852	143	96119	21.535	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.393	165	187047	20.027	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.904	131	255642	19.218	ng/u1	-0.01
46) Dimethylphthalate-d6	14.010	166	619490	19.489	ng/u1	-0.01
49) Acenaphthylene-d8	14.293	160	744261	19.764	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.781	143	111784	19.392	ng/u1	0.00
60) Fluorene-d10	15.592	176	524887	19.630	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.704	200	101382	19.230	ng/u1	0.00
73) Anthracene-d10	17.451	188	844282	19.814	ng/u1	-0.01
81) Pyrene-d10	19.680	212	993484	20.215	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.745	264	887430	19.937	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.423	88	22545	7.831	ng/uL#	18
5) Pyridine	3.822	79	159446	19.626	ng/u1#	42
6) Benzaldehyde	7.105	77	150366	22.158	ng/u1	97
8) Phenol	7.152	94	214555	19.371	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.387	93	171925	19.927	ng/u1#	77
12) 2-Chlorophenol	7.534	128	165889	19.714	ng/u1	94
13) 2-Methylphenol	8.411	108	166738	19.305	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.505	45	261858	20.533	ng/u1#	85
16) Acetophenone	8.793	105	289625	19.901	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.781	70	152300	20.185	ng/u1#	74
18) 4-Methylphenol	8.734	108	185997	19.886	ng/u1	94
19) Hexachloroethane	9.063	117	72541	20.418	ng/u1#	81
22) Nitrobenzene	9.169	77	221029	21.152	ng/u1#	82
23) Isophorone	9.705	82	426378	19.802	ng/u1	97
25) 2-Nitrophenol	9.887	139	101536	21.329	ng/u1#	87
26) 2,4-Dimethylphenol	9.946	107	225037	19.920	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.187	93	252090	19.941	ng/u1#	96
29) 2,4-Dichlorophenol	10.422	162	181466	20.041	ng/u1#	83
30) Naphthalene	10.828	128	583337	20.091	ng/u1	97
32) 4-Chloroaniline	10.928	127	254163	19.307	ng/u1	97
33) Hexachlorobutadiene	11.128	225	131429	20.154	ng/u1	93
34) Caprolactam	11.693	113	62154m	20.756	ng/u1	
35) 4-Chloro-3-methylphenol	12.051	107	217501	19.824	ng/u1#	70
36) 2-Methylnaphthalene	12.434	142	422425	19.915	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	422256	19.716	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.804	216	244955	19.786	ng/ul#	93
40) Hexachlorocyclopentadiene	12.787	237	155884	18.144	ng/ul	94
41) 2,4,6-Trichlorophenol	13.034	196	159018	20.113	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.104	196	174541	20.428	ng/ul#	85
43) 1,1'-Biphenyl	13.440	154	587240	19.890	ng/ul	94
44) 2-Chloronaphthalene	13.481	162	453085	19.964	ng/ul	95
45) 2-Nitroaniline	13.675	65	149016	22.405	ng/ul#	81
47) Dimethylphthalate	14.057	163	595754	19.474	ng/ul#	92
48) 2,6-Dinitrotoluene	14.169	165	121720	21.631	ng/ul	98
50) Acenaphthylene	14.322	152	742123	19.969	ng/ul	95
51) 3-Nitroaniline	14.493	138	126319	21.593	ng/ul#	84
52) Acenaphthene	14.663	153	477916	19.641	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	62741	18.445	ng/ul#	84
55) 4-Nitrophenol	14.793	109	102964	19.404	ng/ul#	51
56) Dibenzofuran	14.998	168	704157	19.663	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	178192	21.565	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.222	232	155592	19.972	ng/ul#	84
59) Diethylphthalate	15.422	149	608565	19.221	ng/ul	94
61) Fluorene	15.651	166	576002	19.528	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.645	204	306299	19.529	ng/ul	95
63) 4-Nitroaniline	15.657	138	132923	22.685	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.716	198	99412	18.970	ng/ul#	87
67) N-Nitrosodiphenylamine	15.857	169	503266	19.755	ng/ul	96
68) 4-Bromophenyl-phenylether	16.539	248	185956	19.303	ng/ul	97
69) Hexachlorobenzene	16.663	284	212641	19.196	ng/ul#	91
70) Atrazine	16.810	200	200580	19.075	ng/ul#	90
71) Pentachlorophenol	16.998	266	137700	18.365	ng/ul#	85
72) Phenanthrene	17.398	178	942800	19.847	ng/ul	99
74) Anthracene	17.486	178	959269	19.917	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	260365	20.235	ng/uL#	85
76) Pentachlorobenzene	14.922	250	249426	19.888	ng/uL	89
77) Carbazole	17.751	167	850827	19.548	ng/ul#	95
78) Di-n-butylphthalate	18.310	149	1045255	19.529	ng/ul#	93
80) Fluoranthene	19.357	202	1141996	20.188	ng/ul#	95
82) Pyrene	19.710	202	1159024	20.209	ng/ul#	92
83) Butylbenzylphthalate	20.580	149	473745	20.136	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.345	252	404245	21.082	ng/ul#	96
85) Benzo(a)anthracene	21.416	228	1139611	19.977	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.345	149	705078	19.923	ng/ul#	81
87) Chrysene	21.475	228	1106298	20.100	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1183698	19.766	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	1132315	19.939	ng/ul	98
91) Benzo(k)fluoranthene	23.198	252	1049053	20.244	ng/ul#	98
93) Benzo(a)pyrene	23.798	252	1056144	20.064	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.486	276	1049800	19.071	ng/ul	97
95) Dibenzo(a,h)anthracene	26.510	278	911439	19.095	ng/ul#	94
96) Benzo(g,h,i)perylene	27.280	276	847491	18.672	ng/ul	93

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

