

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP009967.D
 Acq On : 20 Apr 2022 04:10
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020762

Quant Time: Apr 20 08:57:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/20/2022
 Supervised By :Yogesh Patel 04/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	135595	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	621230	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	452957	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1018037	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.410	240	1069881m	20.000	ng/u1	0.00
88) Perylene-d12	23.863	264	1016610	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	27194	8.951	ng/uL	0.00
4) Pyridine-d5	3.787	84	177415	21.179	ng/u1	0.00
7) Phenol-d5	7.105	99	251965	21.166	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	159586m	22.518	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	198312	22.085	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	215765	21.712	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	104252	23.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	117355	23.894	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	224667	21.860	ng/u1	0.00
31) 4-Chloroaniline-d4	10.881	131	329073	22.480	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	775717	21.802	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	918294	21.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	129497	20.069	ng/u1	0.00
60) Fluorene-d10	15.569	176	654105	21.853	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	130818	21.691	ng/u1	0.00
73) Anthracene-d10	17.428	188	1072091	21.995	ng/u1	0.00
81) Pyrene-d10	19.657	212	1312397	22.460	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1155710	21.830	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	27755	8.961	ng/uL#	21
5) Pyridine	3.805	79	186641	21.355	ng/u1#	44
6) Benzaldehyde	7.075	77	141460	19.376	ng/u1	96
8) Phenol	7.128	94	257263	21.590	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.363	93	206355	22.232	ng/u1#	79
12) 2-Chlorophenol	7.505	128	197740	21.842	ng/u1	93
13) 2-Methylphenol	8.381	108	201983	21.738	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	309489	22.557	ng/u1#	84
16) Acetophenone	8.763	105	347166	22.173	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.752	70	183171	22.565	ng/u1#	73
18) 4-Methylphenol	8.710	108	219643	21.828	ng/u1	89
19) Hexachloroethane	9.028	117	83710	21.901	ng/u1#	78
22) Nitrobenzene	9.146	77	259390	22.558	ng/u1#	82
23) Isophorone	9.669	82	511563	21.590	ng/u1	97
25) 2-Nitrophenol	9.857	139	123017	23.484	ng/u1#	88
26) 2,4-Dimethylphenol	9.922	107	267996	21.558	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.157	93	301638	21.683	ng/u1#	98
29) 2,4-Dichlorophenol	10.393	162	220703	22.150	ng/u1#	85
30) Naphthalene	10.799	128	696378	21.796	ng/u1	96
32) 4-Chloroaniline	10.904	127	327541	22.611	ng/u1	98
33) Hexachlorobutadiene	11.099	225	153749	21.425	ng/u1	95
34) Caprolactam	11.669	113	54618m	16.575	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	263810	21.851	ng/u1#	72
36) 2-Methylnaphthalene	12.404	142	507595	21.746	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	515691	21.881	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.775	216	299550	21.615	ng/ul#	92
40) Hexachlorocyclopentadiene	12.757	237	182567	18.984	ng/ul	95
41) 2,4,6-Trichlorophenol	13.010	196	186890	21.117	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.081	196	201778	21.097	ng/ul#	89
43) 1,1'-Biphenyl	13.410	154	719708	21.777	ng/ul	95
44) 2-Chloronaphthalene	13.451	162	553031	21.769	ng/ul	92
45) 2-Nitroaniline	13.651	65	181632	24.397	ng/ul#	81
47) Dimethylphthalate	14.028	163	746822	21.808	ng/ul#	92
48) 2,6-Dinitrotoluene	14.145	165	154890	24.590	ng/ul	96
50) Acenaphthylene	14.298	152	910133	21.879	ng/ul	95
51) 3-Nitroaniline	14.469	138	103991	15.880	ng/ul#	84
52) Acenaphthene	14.640	153	585448	21.495	ng/ul	95
53) 2,4-Dinitrophenol	14.675	184	62778	16.488	ng/ul#	80
55) 4-Nitrophenol	14.775	109	118368	19.928	ng/ul#	50
56) Dibenzofuran	14.975	168	877752	21.897	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	227714	24.619	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.198	232	188975	21.670	ng/ul#	87
59) Diethylphthalate	15.392	149	766695	21.633	ng/ul	93
61) Fluorene	15.622	166	723730	21.919	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.616	204	380572	21.677	ng/ul	95
63) 4-Nitroaniline	15.634	138	109896m	16.755	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	129926	21.673	ng/ul#	87
67) N-Nitrosodiphenylamine	15.828	169	641663	22.018	ng/ul	95
68) 4-Bromophenyl-phenylether	16.510	248	234883	21.315	ng/ul	96
69) Hexachlorobenzene	16.634	284	273204	21.561	ng/ul#	90
70) Atrazine	16.781	200	255991	21.282	ng/ul	92
71) Pentachlorophenol	16.975	266	155696	18.153	ng/ul#	83
72) Phenanthrene	17.369	178	1196446	22.017	ng/ul	98
74) Anthracene	17.457	178	1208453	21.934	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	315942	21.466	ng/ul#	85
76) Pentachlorobenzene	14.898	250	312326	21.770	ng/ul	92
77) Carbazole	17.728	167	1061917	21.328	ng/ul#	96
78) Di-n-butylphthalate	18.280	149	1349211	22.037	ng/ul#	93
80) Fluoranthene	19.327	202	1476655	21.955	ng/ul	97
82) Pyrene	19.680	202	1508142	22.117	ng/ul#	94
83) Butylbenzylphthalate	20.551	149	633563	22.648	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.322	252	346250m	15.187	ng/ul	
85) Benzo(a)anthracene	21.392	228	1464669m	21.595	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.316	149	930404m	22.112	ng/ul	
87) Chrysene	21.445	228	1444587	22.075	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	1585695	22.263	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1424097	21.084	ng/ul	100
91) Benzo(k)fluoranthene	23.163	252	1428723	23.181	ng/ul#	99
93) Benzo(a)pyrene	23.751	252	1364195	21.789	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	1384721	21.150	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.445	278	1178959	20.767	ng/ul#	95
96) Benzo(g,h,i)perylene	27.209	276	1172859	21.726	ng/ul#	91

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

