

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011300.D
 Acq On : 06 Aug 2022 04:57
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: Aug 08 01:49:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	149916	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	755308	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	573463	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.040	188	1163312	20.000	ng/u1	0.00
79) Chrysene-d12	21.169	240	1286488	20.000	ng/u1	0.00
88) Perylene-d12	23.474	264	1153152	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	9743	5.255	ng/uL	0.00
4) Pyridine-d5	3.499	84	67922	13.581	ng/u1	0.00
7) Phenol-d5	6.781	99	203890	16.320	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	193846	21.502	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	175588	17.243	ng/u1	-0.01
15) 4-Methylphenol-d8	8.322	113	173627	16.890	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	135368	24.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	103147	20.255	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	196977	20.284	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	331993	22.098	ng/u1	0.00
46) Dimethylphthalate-d6	13.699	166	643685	16.389	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1013443	20.508	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	140566	21.046	ng/u1	0.00
60) Fluorene-d10	15.275	176	778188	23.285	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	119081	22.045	ng/u1	-0.01
73) Anthracene-d10	17.140	188	1256558	24.577	ng/u1	0.00
81) Pyrene-d10	19.398	212	1373247	21.112	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.327	264	1241141	21.599	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	10204	5.967	ng/uL#	82
5) Pyridine	3.517	79	69900	13.803	ng/u1	98
6) Benzaldehyde	6.746	77	75545	12.369	ng/u1	99
8) Phenol	6.805	94	252750	18.867	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.034	93	227876	20.730	ng/u1	98
12) 2-Chlorophenol	7.164	128	214514	20.281	ng/u1	94
13) 2-Methylphenol	8.058	108	164982	16.276	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.140	45	360567	19.249	ng/u1#	95
16) Acetophenone	8.428	105	553553	33.227	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.416	70	189532	23.380	ng/u1	96
18) 4-Methylphenol	8.387	108	231191	21.267	ng/u1	98
19) Hexachloroethane	8.663	117	179771	35.442	ng/u1	98
22) Nitrobenzene	8.805	77	388082	26.067	ng/u1	97
23) Isophorone	9.334	82	470273	17.751	ng/u1	100
25) 2-Nitrophenol	9.511	139	131914	22.385	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	248282	18.623	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	310084	18.591	ng/u1	99
29) 2,4-Dichlorophenol	10.046	162	247364	24.374	ng/u1	98
30) Naphthalene	10.440	128	1087745	27.280	ng/u1	99
32) 4-Chloroaniline	10.563	127	408853	26.870	ng/u1	97
33) Hexachlorobutadiene	10.722	225	194480	30.679	ng/u1	98
34) Caprolactam	11.369	113	51894	17.264	ng/u1	95
35) 4-Chloro-3-methylphenol	11.704	107	255438	22.256	ng/u1	100
36) 2-Methylnaphthalene	12.069	142	601093	24.126	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	653184	26.098	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	345712	22.043	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	164347	16.585	ng/ul	99
41) 2,4,6-Trichlorophenol	12.693	196	158475	16.129	ng/ul	100
42) 2,4,5-Trichlorophenol	12.763	196	200988	19.062	ng/ul	100
43) 1,1'-Biphenyl	13.099	154	981799	21.451	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	760071	22.261	ng/ul	99
45) 2-Nitroaniline	13.357	65	121494	14.793	ng/ul	98
47) Dimethylphthalate	13.746	163	770459	19.445	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	126603	21.286	ng/ul	98
50) Acenaphthylene	13.987	152	1337759	23.957	ng/ul	100
51) 3-Nitroaniline	14.193	138	74730	11.391	ng/ul	92
52) Acenaphthene	14.334	153	852982	23.616	ng/ul#	93
53) 2,4-Dinitrophenol	14.404	184	74465	21.083	ng/ul	96
55) 4-Nitrophenol	14.510	109	126028	20.909	ng/ul	92
56) Dibenzofuran	14.675	168	1267458	25.643	ng/ul	96
57) 2,4-Dinitrotoluene	14.657	165	244746	26.129	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.904	232	167623	21.054	ng/ul	97
59) Diethylphthalate	15.122	149	700551	17.132	ng/ul	99
61) Fluorene	15.328	166	1041285	26.441	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.328	204	458264	26.350	ng/ul	98
63) 4-Nitroaniline	15.369	138	74813m	13.630	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	126081	22.572	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	653531	19.220	ng/ul#	83
68) 4-Bromophenyl-phenylether	16.234	248	212700	20.268	ng/ul	97
69) Hexachlorobenzene	16.334	284	294478	24.022	ng/ul	97
70) Atrazine	16.522	200	153906	15.131	ng/ul	98
71) Pentachlorophenol	16.692	266	148399	20.669	ng/ul	97
72) Phenanthrene	17.081	178	1600822	25.134	ng/ul	99
74) Anthracene	17.175	178	1632238	25.769	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.052	216	316330	17.769	ng/uL	98
76) Pentachlorobenzene	14.587	250	363419	23.947	ng/uL	99
77) Carbazole	17.457	167	1351619	23.792	ng/ul	100
78) Di-n-butylphthalate	18.028	149	929556	13.191	ng/ul#	93
80) Fluoranthene	19.075	202	1604002	20.163	ng/ul	99
82) Pyrene	19.428	202	1887131	22.733	ng/ul	99
83) Butylbenzylphthalate	20.328	149	298202	9.408	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.092	252	224487	10.669	ng/ul	98
85) Benzo(a)anthracene	21.151	228	1730672	21.524	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.092	149	513126	9.474	ng/ul	99
87) Chrysene	21.204	228	1722243	21.761	ng/ul	99
89) Di-n-octyl phthalate	21.992	149	869040	11.053	ng/ul	100
90) Benzo(b)fluoranthene	22.775	252	1710292	23.280	ng/ul	99
91) Benzo(k)fluoranthene	22.822	252	1664726	24.153	ng/ul	99
93) Benzo(a)pyrene	23.374	252	1673043	23.395	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.857	276	1877393	21.997	ng/ul	99
95) Dibenzo(a,h)anthracene	25.880	278	1610588	22.253	ng/ul	99
96) Benzo(g,h,i)perylene	26.592	276	1544114	21.113	ng/ul	97

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

