

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080122\
 Data File : BP011225.D
 Acq On : 02 Aug 2022 11:46
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020725

Quant Time: Aug 02 16:26:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 28 16:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2022
 Supervised By :mohammad ahmed 08/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	267690	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	1111644	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.322	164	561663	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1089625	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.221	240	1101675	20.000	ng/u1	# 0.01
88) Perylene-d12	23.574	264	1175602	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	31367m	5.366	ng/uL	0.00
4) Pyridine-d5	3.558	84	205159	12.406	ng/u1	0.00
7) Phenol-d5	6.834	99	426570	18.257	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	324955	19.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.187	132	364138	19.776	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	341903	17.888	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	168518	19.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	157111	18.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	283917	19.468	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	438820	18.561	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	760820	19.882	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	976916	20.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	131625	19.123	ng/u1	0.02
60) Fluorene-d10	15.328	176	649166	20.188	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	86909	15.822	ng/u1	0.02
73) Anthracene-d10	17.192	188	971414	20.233	ng/u1	0.00
81) Pyrene-d10	19.457	212	1125404	19.011	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.421	264	1165705	19.964	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	28781	4.757	ng/uL#	81
5) Pyridine	3.575	79	214160	12.554	ng/u1#	74
6) Benzaldehyde	6.799	77	186367	16.536	ng/u1	92
8) Phenol	6.858	94	456582	18.214	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.087	93	395394	19.454	ng/u1	96
12) 2-Chlorophenol	7.216	128	376016	19.642	ng/u1	99
13) 2-Methylphenol	8.105	108	339747	18.286	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.193	45	672060	19.743	ng/u1	98
16) Acetophenone	8.481	105	566175	19.043	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.469	70	279041	17.755	ng/u1	96
18) 4-Methylphenol	8.434	108	361121	18.048	ng/u1	95
19) Hexachloroethane	8.716	117	171281	19.918	ng/u1#	71
22) Nitrobenzene	8.857	77	449082	20.218	ng/u1	98
23) Isophorone	9.387	82	790756	19.676	ng/u1	96
25) 2-Nitrophenol	9.569	139	181969	19.569	ng/u1#	88
26) 2,4-Dimethylphenol	9.634	107	393786	19.713	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.875	93	491721	19.474	ng/u1	98
29) 2,4-Dichlorophenol	10.099	162	294297	19.512	ng/u1	99
30) Naphthalene	10.493	128	1181328	20.199	ng/u1	100
32) 4-Chloroaniline	10.622	127	452849	19.277	ng/u1	99
33) Hexachlorobutadiene	10.775	225	192845	20.934	ng/u1	97
34) Caprolactam	11.416	113	82249	16.397	ng/u1	84
35) 4-Chloro-3-methylphenol	11.757	107	320806	18.969	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	713295	19.273	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	719602	19.408	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	308710	19.755	ng/ul#	96
40) Hexachlorocyclopentadiene	12.469	237	152538	14.806	ng/ul	95
41) 2,4,6-Trichlorophenol	12.745	196	193584	19.728	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	203849	19.624	ng/ul	99
43) 1,1'-Biphenyl	13.151	154	893368	19.907	ng/ul#	98
44) 2-Chloronaphthalene	13.187	162	671869	20.026	ng/ul	96
45) 2-Nitroaniline	13.410	65	170368	17.472	ng/ul	96
47) Dimethylphthalate	13.792	163	773732	20.077	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	126135	18.731	ng/ul	90
50) Acenaphthylene	14.040	152	1095814	20.398	ng/ul	98
51) 3-Nitroaniline	14.245	138	103955	14.294	ng/ul	97
52) Acenaphthene	14.387	153	705975	20.119	ng/ul	97
53) 2,4-Dinitrophenol	14.457	184	67408	17.749	ng/ul	98
55) 4-Nitrophenol	14.563	109	116863	19.759	ng/ul#	79
56) Dibenzofuran	14.728	168	956587	20.056	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	200251	21.313	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	155560	20.595	ng/ul#	75
59) Diethylphthalate	15.169	149	792147	20.566	ng/ul	97
61) Fluorene	15.381	166	754489	20.343	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	338428	20.049	ng/ul#	88
63) 4-Nitroaniline	15.416	138	89892m	14.539	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	91733	16.444	ng/ul#	91
67) N-Nitrosodiphenylamine	15.598	169	619959	18.514	ng/ul	97
68) 4-Bromophenyl-phenylether	16.286	248	192767	18.436	ng/ul	93
69) Hexachlorobenzene	16.386	284	224292	18.752	ng/ul#	84
70) Atrazine	16.575	200	185217	17.589	ng/ul	97
71) Pentachlorophenol	16.745	266	124666	18.153	ng/ul	99
72) Phenanthrene	17.139	178	1178216	19.758	ng/ul	98
74) Anthracene	17.228	178	1187596	20.130	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.110	216	316761	16.863	ng/uL	97
76) Pentachlorobenzene	14.639	250	275464	17.793	ng/uL	99
77) Carbazole	17.510	167	1103617	21.115	ng/ul	98
78) Di-n-butylphthalate	18.080	149	1312041	20.991	ng/ul	100
80) Fluoranthene	19.127	202	1360723	18.608	ng/ul#	85
82) Pyrene	19.480	202	1419708	18.893	ng/ul#	80
83) Butylbenzylphthalate	20.380	149	566904	18.840	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	319299	16.617	ng/ul#	97
85) Benzo(a)anthracene	21.210	228	1370852	20.017	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.145	149	923288	20.303	ng/ul#	95
87) Chrysene	21.257	228	1343582	19.735	ng/ul	99
89) Di-n-octyl phthalate	22.057	149	1656028	20.496	ng/ul	100
90) Benzo(b)fluoranthene	22.857	252	1460586	19.708	ng/ul#	95
91) Benzo(k)fluoranthene	22.904	252	1391498	19.783	ng/ul#	94
93) Benzo(a)pyrene	23.468	252	1430221	19.785	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.009	276	1670396	18.756	ng/ul#	87
95) Dibenzo(a,h)anthracene	26.027	278	1422787	18.626	ng/ul#	91
96) Benzo(g,h,i)perylene	26.756	276	1421519	18.455	ng/ul#	86

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

