

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080322\
 Data File : BP011236.D
 Acq On : 03 Aug 2022 09:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020726

Quant Time: Aug 03 22:58:09 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 08/04/2022
 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	216183	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1035133	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	619714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.045	188	1273632	20.000	ng/u1	0.00
79) Chrysene-d12	21.175	240	1282985	20.000	ng/u1	0.00
88) Perylene-d12	23.498	264	1383110	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	25350	9.481	ng/uL	0.00
4) Pyridine-d5	3.505	84	140672	19.505	ng/u1	0.00
7) Phenol-d5	6.787	99	355293	19.721	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	268683	20.668	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	290711	19.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	296737	20.017	ng/u1	0.00
21) Nitrobenzene-d5	8.764	128	149703	20.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	127351	18.248	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	261090	19.618	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	453441	22.023	ng/u1	0.00
46) Dimethylphthalate-d6	13.699	166	863064	20.334	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	1072598	20.085	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	153022	21.201	ng/u1	0.00
60) Fluorene-d10	15.281	176	748065	20.713	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	102329	17.303	ng/u1	0.00
73) Anthracene-d10	17.145	188	1128236	20.156	ng/u1	0.00
81) Pyrene-d10	19.410	212	1292948	19.932	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.345	264	1360700	19.742	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.129	88	18557	7.525	ng/uL	99
5) Pyridine	3.523	79	141479	19.373	ng/u1	97
6) Benzaldehyde	6.752	77	151015	17.147	ng/u1	99
8) Phenol	6.811	94	390631	20.221	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.040	93	323976	20.438	ng/u1	98
12) 2-Chlorophenol	7.164	128	308709	20.240	ng/u1	99
13) 2-Methylphenol	8.058	108	290544	19.877	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.140	45	563085	20.846	ng/u1	99
16) Acetophenone	8.434	105	531242	22.113	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.422	70	251162	21.485	ng/u1	100
18) 4-Methylphenol	8.387	108	326384	20.820	ng/u1	97
19) Hexachloroethane	8.669	117	150448	20.569	ng/u1	98
22) Nitrobenzene	8.811	77	419659	20.568	ng/u1	99
23) Isophorone	9.340	82	747816	20.597	ng/u1	99
25) 2-Nitrophenol	9.516	139	156305	19.354	ng/u1	95
26) 2,4-Dimethylphenol	9.587	107	365723	20.017	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.828	93	459974	20.123	ng/u1	98
29) 2,4-Dichlorophenol	10.046	162	280424	20.162	ng/u1	99
30) Naphthalene	10.446	128	1113018	20.368	ng/u1	99
32) 4-Chloroaniline	10.569	127	473940	22.727	ng/u1	97
33) Hexachlorobutadiene	10.728	225	171800	19.775	ng/u1	100
34) Caprolactam	11.369	113	87360	21.206	ng/u1	96
35) 4-Chloro-3-methylphenol	11.710	107	337470	21.455	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	716805	20.993	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.293	142	733455	21.384	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.446	216	317037	18.706	ng/ul	98
40) Hexachlorocyclopentadiene	12.416	237	202248	18.887	ng/ul	99
41) 2,4,6-Trichlorophenol	12.699	196	197174	18.570	ng/ul	98
42) 2,4,5-Trichlorophenol	12.769	196	222594	19.536	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	965204	19.515	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	715792	19.400	ng/ul	99
45) 2-Nitroaniline	13.363	65	179861	20.265	ng/ul	98
47) Dimethylphthalate	13.746	163	884031	20.646	ng/ul	100
48) 2,6-Dinitrotoluene	13.869	165	140335	21.834	ng/ul	99
50) Acenaphthylene	13.993	152	1210939	20.068	ng/ul	99
51) 3-Nitroaniline	14.199	138	111831	15.774	ng/ul	98
52) Acenaphthene	14.340	153	777857	19.929	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	81308	21.302	ng/ul	99
55) 4-Nitrophenol	14.516	109	140346	21.547	ng/ul	100
56) Dibenzofuran	14.681	168	1099914	20.592	ng/ul	98
57) 2,4-Dinitrotoluene	14.663	165	237698	23.483	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.910	232	173093	20.118	ng/ul	98
59) Diethylphthalate	15.128	149	909971	20.592	ng/ul	100
61) Fluorene	15.334	166	883838	20.768	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.340	204	391555	20.834	ng/ul	99
63) 4-Nitroaniline	15.375	138	87036m	14.673	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	110643	18.093	ng/ul	97
67) N-Nitrosodiphenylamine	15.557	169	733571	19.705	ng/ul	99
68) 4-Bromophenyl-phenylether	16.240	248	224022	19.498	ng/ul	97
69) Hexachlorobenzene	16.340	284	268170	19.981	ng/ul	98
70) Atrazine	16.528	200	208438	18.717	ng/ul	99
71) Pentachlorophenol	16.698	266	142908	18.180	ng/ul	99
72) Phenanthrene	17.092	178	1399770	20.074	ng/ul	99
74) Anthracene	17.181	178	1416210	20.422	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	330127	16.938	ng/uL	99
76) Pentachlorobenzene	14.599	250	313610	18.875	ng/uL	99
77) Carbazole	17.463	167	1275207	20.503	ng/ul	100
78) Di-n-butylphthalate	18.034	149	1429382	18.527	ng/ul	99
80) Fluoranthene	19.081	202	1555061	19.601	ng/ul	99
82) Pyrene	19.439	202	1643353	19.850	ng/ul	97
83) Butylbenzylphthalate	20.333	149	519691	16.440	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.104	252	357009	17.014	ng/ul	100
85) Benzo(a)anthracene	21.163	228	1589441	19.821	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.104	149	897629	16.619	ng/ul	99
87) Chrysene	21.216	228	1571454	19.910	ng/ul	100
89) Di-n-octyl phthalate	22.004	149	1611514	17.089	ng/ul	100
90) Benzo(b)fluoranthene	22.792	252	1725428	19.581	ng/ul	100
91) Benzo(k)fluoranthene	22.839	252	1663777	20.125	ng/ul	99
93) Benzo(a)pyrene	23.398	252	1705219	19.880	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.898	276	2000958	19.547	ng/ul	100
95) Dibenzo(a,h)anthracene	25.916	278	1713926	19.744	ng/ul	99
96) Benzo(g,h,i)perylene	26.633	276	1713597	19.534	ng/ul	100

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

