

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011466.D
 Acq On : 17 Aug 2022 17:36
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020744

Quant Time: Aug 17 23:30:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
 Supervised By :Sohil Jodhani 08/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	108220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.352	136	451796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.240	164	252908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.010	188	502710	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	465920	20.000	ng/u1	0.00
88) Perylene-d12	23.445	264	497647	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	27047	7.756	ng/uL	0.00
4) Pyridine-d5	3.481	84	170138	19.055	ng/u1	0.00
7) Phenol-d5	6.746	99	181207	18.221	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	113064	17.499	ng/u1	0.00
11) 2-Chlorophenol-d4	7.093	132	146344	20.007	ng/u1	0.00
15) 4-Methylphenol-d8	8.287	113	139252	17.494	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	69251	21.291	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	72520	21.908	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	122647	20.072	ng/u1	0.00
31) 4-Chloroaniline-d4	10.505	131	187126	18.397	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	353340	19.753	ng/u1	0.00
49) Acenaphthylene-d8	13.928	160	404304	20.336	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	68843	19.975	ng/u1	0.00
60) Fluorene-d10	15.240	176	281339	18.695	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	51239	18.863	ng/u1	0.02
73) Anthracene-d10	17.110	188	434863	19.532	ng/u1	0.00
81) Pyrene-d10	19.375	212	457592	19.412	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.292	264	467528	19.313	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	27964	7.690	ng/uL	98
5) Pyridine	3.499	79	171709	19.267	ng/u1	98
6) Benzaldehyde	6.717	77	89664	19.646	ng/u1	93
8) Phenol	6.775	94	186458	18.245	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.005	93	143599	18.013	ng/u1	96
12) 2-Chlorophenol	7.128	128	153225	19.467	ng/u1	98
13) 2-Methylphenol	8.016	108	138188	18.354	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.093	45	199734	16.912	ng/u1	99
16) Acetophenone	8.393	105	224033	16.919	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.381	70	118243	17.952	ng/u1	92
18) 4-Methylphenol	8.352	108	146515	17.578	ng/u1	98
19) Hexachloroethane	8.628	117	67300	18.850	ng/u1	98
22) Nitrobenzene	8.769	77	175364	19.127	ng/u1	95
23) Isophorone	9.299	82	316103	19.642	ng/u1	96
25) 2-Nitrophenol	9.475	139	79242	20.981	ng/u1	97
26) 2,4-Dimethylphenol	9.546	107	170649	19.029	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.787	93	184678	18.985	ng/u1	98
29) 2,4-Dichlorophenol	10.005	162	125062	19.999	ng/u1	98
30) Naphthalene	10.405	128	449636	18.849	ng/u1	99
32) 4-Chloroaniline	10.528	127	192056	18.224	ng/u1	99
33) Hexachlorobutadiene	10.681	225	75962	19.081	ng/u1	99
34) Caprolactam	11.328	113	45395	20.020	ng/u1	94
35) 4-Chloro-3-methylphenol	11.669	107	151675	19.184	ng/u1	98
36) 2-Methylnaphthalene	12.028	142	288269	18.574	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.252	142	289255	18.376	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.404	216	128462	20.012	ng/ul	99
40) Hexachlorocyclopentadiene	12.375	237	62119	15.598	ng/ul	98
41) 2,4,6-Trichlorophenol	12.657	196	90805	21.979	ng/ul	99
42) 2,4,5-Trichlorophenol	12.728	196	96623	21.009	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	371694	19.724	ng/ul	99
44) 2-Chloronaphthalene	13.099	162	280891	19.780	ng/ul	100
45) 2-Nitroaniline	13.322	65	101362	20.914	ng/ul	93
47) Dimethylphthalate	13.710	163	359351	19.437	ng/ul	99
48) 2,6-Dinitrotoluene	13.834	165	70747	21.285	ng/ul	95
50) Acenaphthylene	13.957	152	467914	19.811	ng/ul	98
51) 3-Nitroaniline	14.163	138	72636	20.062	ng/ul	99
52) Acenaphthene	14.304	153	301595	19.065	ng/ul	98
53) 2,4-Dinitrophenol	14.381	184	38935	19.138	ng/ul	95
55) 4-Nitrophenol	14.487	109	71775	17.479	ng/ul	94
56) Dibenzofuran	14.640	168	408776	18.738	ng/ul	97
57) 2,4-Dinitrotoluene	14.628	165	103753	20.851	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.875	232	74459	20.621	ng/ul	96
59) Diethylphthalate	15.087	149	389903	19.255	ng/ul	99
61) Fluorene	15.298	166	338096	18.944	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	151058	18.736	ng/ul	96
63) 4-Nitroaniline	15.340	138	72374m	20.695	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.398	198	53077	18.889	ng/ul	97
67) N-Nitrosodiphenylamine	15.522	169	288846	19.584	ng/ul	99
68) 4-Bromophenyl-phenylether	16.198	248	88538	19.730	ng/ul	96
69) Hexachlorobenzene	16.304	284	100626	19.457	ng/ul	99
70) Atrazine	16.493	200	108351	19.686	ng/ul	98
71) Pentachlorophenol	16.663	266	63468	19.792	ng/ul	99
72) Phenanthrene	17.051	178	514935	18.924	ng/ul	99
74) Anthracene	17.145	178	521095	18.982	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	132212	20.459	ng/ul	99
76) Pentachlorobenzene	14.557	250	121062	19.743	ng/ul	96
77) Carbazole	17.428	167	490882	19.011	ng/ul	100
78) Di-n-butylphthalate	17.998	149	669937	21.069	ng/ul	99
80) Fluoranthene	19.045	202	594296	20.500	ng/ul	98
82) Pyrene	19.404	202	607616	19.948	ng/ul	98
83) Butylbenzylphthalate	20.298	149	311283	22.781	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.069	252	173609	19.683	ng/ul	96
85) Benzo(a)anthracene	21.128	228	573310	20.197	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.063	149	455697	22.536	ng/ul	99
87) Chrysene	21.180	228	561570	20.139	ng/ul	100
89) Di-n-octyl phthalate	21.963	149	790133	19.752	ng/ul	100
90) Benzo(b)fluoranthene	22.745	252	611191	19.744	ng/ul	98
91) Benzo(k)fluoranthene	22.792	252	538986	18.245	ng/ul	98
93) Benzo(a)pyrene	23.345	252	573123	18.964	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	671968	19.934	ng/ul	98
95) Dibenzo(a,h)anthracene	25.833	278	577985	19.913	ng/ul	99
96) Benzo(g,h,i)perylene	26.545	276	562578	19.619	ng/ul	99

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

