

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
 Data File : BP011475.D
 Acq On : 17 Aug 2022 23:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020745

Quant Time: Aug 18 01:58:43 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	7.557	152	111577	20.000	ng/u1	0.00
20) Naphthalene-d8	10.346	136	483668	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	281542	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	561119	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	539261	20.000	ng/u1	0.00
88) Perylene-d12	23.427	264	550771	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	24816	6.902	ng/uL	0.00
4) Pyridine-d5	3.475	84	166660	18.104	ng/u1	0.00
7) Phenol-d5	6.740	99	185182	18.060	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	119028	17.868	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	147960	19.620	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	147692	17.996	ng/u1	0.00
21) Nitrobenzene-d5	8.722	128	71104	20.420	ng/u1	0.00
24) 2-Nitrophenol-d4	9.440	143	76497	21.586	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	129607	19.813	ng/u1	0.00
31) 4-Chloroaniline-d4	10.499	131	202202	18.569	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	385715	19.370	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	444799	20.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	72216	18.823	ng/u1	0.00
60) Fluorene-d10	15.234	176	318125	18.990	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	58250	19.212	ng/u1	0.00
73) Anthracene-d10	17.098	188	486899	19.593	ng/u1	0.00
81) Pyrene-d10	19.363	212	532201	19.506	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.274	264	523107	19.525	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	26339	7.025	ng/uL	97
5) Pyridine	3.493	79	165861	18.050	ng/u1	99
6) Benzaldehyde	6.710	77	90619	19.258	ng/u1	97
8) Phenol	6.769	94	191883	18.211	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.999	93	148754	18.098	ng/u1	98
12) 2-Chlorophenol	7.122	128	156464	19.281	ng/u1	98
13) 2-Methylphenol	8.010	108	139612	17.986	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.087	45	210431	17.282	ng/u1	100
16) Acetophenone	8.387	105	240122	17.588	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.375	70	125466	18.476	ng/u1	95
18) 4-Methylphenol	8.340	108	154252	17.949	ng/u1	92
19) Hexachloroethane	8.622	117	69511	18.884	ng/u1	97
22) Nitrobenzene	8.763	77	188104	19.165	ng/u1	96
23) Isophorone	9.293	82	338872	19.669	ng/u1	98
25) 2-Nitrophenol	9.469	139	83916	20.754	ng/u1	97
26) 2,4-Dimethylphenol	9.540	107	184301	19.198	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.781	93	197255	18.941	ng/u1	97
29) 2,4-Dichlorophenol	9.999	162	132036	19.723	ng/u1	98
30) Naphthalene	10.393	128	487998	19.109	ng/u1	99
32) 4-Chloroaniline	10.522	127	203264	18.017	ng/u1	96
33) Hexachlorobutadiene	10.675	225	82555	19.371	ng/u1	98
34) Caprolactam	11.316	113	46509	19.160	ng/u1	94
35) 4-Chloro-3-methylphenol	11.663	107	162997	19.258	ng/u1	98
36) 2-Methylnaphthalene	12.022	142	313628	18.876	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.245	142	317050	18.814	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.393	216	141157	19.753	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	70189	15.832	ng/ul	98
41) 2,4,6-Trichlorophenol	12.645	196	95492	20.763	ng/ul	98
42) 2,4,5-Trichlorophenol	12.722	196	101008	19.729	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	409135	19.503	ng/ul	98
44) 2-Chloronaphthalene	13.092	162	307414	19.446	ng/ul	98
45) 2-Nitroaniline	13.316	65	111126	20.596	ng/ul	95
47) Dimethylphthalate	13.704	163	396138	19.248	ng/ul	99
48) 2,6-Dinitrotoluene	13.828	165	77256	20.879	ng/ul	92
50) Acenaphthylene	13.945	152	521374	19.830	ng/ul	99
51) 3-Nitroaniline	14.157	138	74267	18.427	ng/ul	94
52) Acenaphthene	14.292	153	338689	19.232	ng/ul	98
53) 2,4-Dinitrophenol	14.369	184	41843	18.476	ng/ul	92
55) 4-Nitrophenol	14.475	109	80489	17.608	ng/ul	98
56) Dibenzofuran	14.634	168	459959	18.940	ng/ul	99
57) 2,4-Dinitrotoluene	14.622	165	114444	20.660	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.863	232	80493	20.025	ng/ul	99
59) Diethylphthalate	15.081	149	429153	19.038	ng/ul	99
61) Fluorene	15.292	166	377862	19.019	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.292	204	169349	18.869	ng/ul	97
63) 4-Nitroaniline	15.328	138	76162m	19.563	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.386	198	59547	18.986	ng/ul	99
67) N-Nitrosodiphenylamine	15.510	169	321594	19.535	ng/ul	100
68) 4-Bromophenyl-phenylether	16.192	248	97497	19.464	ng/ul	97
69) Hexachlorobenzene	16.292	284	112963	19.569	ng/ul	98
70) Atrazine	16.486	200	116974	19.040	ng/ul	99
71) Pentachlorophenol	16.651	266	66715	18.639	ng/ul	98
72) Phenanthrene	17.045	178	577188	19.004	ng/ul	99
74) Anthracene	17.133	178	596896	19.480	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	145782	20.211	ng/uL	100
76) Pentachlorobenzene	14.545	250	135456	19.791	ng/uL	99
77) Carbazole	17.416	167	548359	19.027	ng/ul	99
78) Di-n-butylphthalate	17.992	149	723401	20.383	ng/ul	99
80) Fluoranthene	19.039	202	656664	19.571	ng/ul	98
82) Pyrene	19.392	202	678455	19.244	ng/ul	100
83) Butylbenzylphthalate	20.292	149	337857	21.363	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.057	252	202785	19.864	ng/ul	100
85) Benzo(a)anthracene	21.116	228	641709	19.532	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	501498	21.428	ng/ul	99
87) Chrysene	21.169	228	628623	19.478	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	851892	19.241	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	670209	19.562	ng/ul	100
91) Benzo(k)fluoranthene	22.774	252	630339	19.280	ng/ul	98
93) Benzo(a)pyrene	23.321	252	648444	19.386	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.792	276	684020	18.334	ng/ul	97
95) Dibenzo(a,h)anthracene	25.804	278	620383	19.312	ng/ul	98
96) Benzo(g,h,i)perylene	26.509	276	413239	13.021	ng/ul	99

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

