

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020925.D
 Acq On : 12 Jul 2024 07:52
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020683

Quant Time: Jul 12 08:23:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	240208	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	964267	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	595070	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1268675	20.000	ng/u1	-0.02
79) Chrysene-d12	21.622	240	1254339	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	1419660	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	40278	7.630	ng/uL	0.00
4) Pyridine-d5	3.670	84	279662	18.300	ng/u1	0.00
7) Phenol-d5	6.922	99	351537	17.951	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	216358	18.230	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	302002	18.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	282394	17.362	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	141427	18.883	ng/u1	0.01
24) 2-Nitrophenol-d4	9.593	143	156648	18.274	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	285321	18.407	ng/u1	0.00
31) 4-Chloroaniline-d4	10.646	131	373388	18.183	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	782853	18.097	ng/u1	-0.01
49) Acenaphthylene-d8	14.045	160	899801	18.525	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	119783	19.462	ng/u1	0.00
60) Fluorene-d10	15.369	176	662805	18.676	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	123152	16.043	ng/u1	0.00
73) Anthracene-d10	17.275	188	1048605	18.609	ng/u1	0.00
81) Pyrene-d10	19.651	212	1233620	15.908	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.739	264	1311383	18.729	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	43173	7.437	ng/uL	95
5) Pyridine	3.687	79	294478	18.682	ng/u1	98
6) Benzaldehyde	6.887	77	200718	20.330	ng/u1	99
8) Phenol	6.946	94	348946	17.609	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.158	93	296553	18.115	ng/u1	99
12) 2-Chlorophenol	7.299	128	299228	18.503	ng/u1	97
13) 2-Methylphenol	8.175	108	271093	17.689	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.240	45	425528	17.992	ng/u1	98
16) Acetophenone	8.546	105	430427	17.146	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	219580	16.694	ng/u1	98
18) 4-Methylphenol	8.499	108	284873	17.351	ng/u1	94
19) Hexachloroethane	8.781	117	133982	18.437	ng/u1	97
22) Nitrobenzene	8.922	77	332771	18.548	ng/u1	98
23) Isophorone	9.440	82	613832	17.210	ng/u1	100
25) 2-Nitrophenol	9.622	139	166395	18.612	ng/u1	99
26) 2,4-Dimethylphenol	9.681	107	320374	18.172	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	384049	17.714	ng/u1	99
29) 2,4-Dichlorophenol	10.152	162	278940	18.260	ng/u1	99
30) Naphthalene	10.546	128	922663	18.191	ng/u1	99
32) 4-Chloroaniline	10.669	127	354831	18.096	ng/u1	99
33) Hexachlorobutadiene	10.804	225	212459	18.548	ng/u1	99
34) Caprolactam	11.457	113	79055	16.799	ng/u1	95
35) 4-Chloro-3-methylphenol	11.804	107	289108	17.411	ng/u1	97
36) 2-Methylnaphthalene	12.151	142	610199	17.526	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	633734	17.698	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.522	216	365075	18.891	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	133307	13.186	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	224789	18.408	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	239207	18.514	ng/ul	98
43) 1,1'-Biphenyl	13.175	154	792787	18.230	ng/ul	99
44) 2-Chloronaphthalene	13.222	162	637319	18.357	ng/ul	100
45) 2-Nitroaniline	13.440	65	180146	18.763	ng/ul	95
47) Dimethylphthalate	13.810	163	790974	18.021	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	157240	17.918	ng/ul	99
50) Acenaphthylene	14.075	152	998445	18.155	ng/ul	99
51) 3-Nitroaniline	14.287	138	156918	20.549	ng/ul	99
52) Acenaphthene	14.422	153	659668	18.072	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	69835	15.154	ng/ul	97
55) 4-Nitrophenol	14.628	109	96707	19.316	ng/ul	96
56) Dibenzofuran	14.757	168	900558	18.016	ng/ul	98
57) 2,4-Dinitrotoluene	14.745	165	231933	19.253	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.004	232	200869	18.156	ng/ul	99
59) Diethylphthalate	15.187	149	797228	18.174	ng/ul	100
61) Fluorene	15.422	166	743331	18.223	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.416	204	398967	18.025	ng/ul	98
63) 4-Nitroaniline	15.469	138	147104	23.262	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.522	198	129573	15.917	ng/ul	99
67) N-Nitrosodiphenylamine	15.634	169	627405	16.983	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	254281	17.100	ng/ul	99
69) Hexachlorobenzene	16.445	284	297871	17.470	ng/ul	98
70) Atrazine	16.616	200	248120	18.428	ng/ul	100
71) Pentachlorophenol	16.816	266	159353m	17.208	ng/ul	
72) Phenanthrene	17.210	178	1181136	17.947	ng/ul	99
74) Anthracene	17.304	178	1208157	18.007	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.140	216	354481	17.457	ng/uL	97
76) Pentachlorobenzene	14.681	250	347272	17.211	ng/uL	99
77) Carbazole	17.586	167	1071138	19.529	ng/ul	99
78) Di-n-butylphthalate	18.163	149	1406994	18.593	ng/ul	100
80) Fluoranthene	19.304	202	1465254	15.646	ng/ul	99
82) Pyrene	19.680	202	1520953	15.960	ng/ul	98
83) Butylbenzylphthalate	20.627	149	674884	16.997	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.522	252	507732	17.714	ng/ul	99
85) Benzo(a)anthracene	21.604	228	1574318	17.917	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.522	149	997983	17.465	ng/ul	99
87) Chrysene	21.669	228	1446740	17.719	ng/ul	100
89) Di-n-octyl phthalate	22.792	149	1708472	18.217	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	1574856	18.280	ng/ul	100
91) Benzo(k)fluoranthene	23.980	252	1584523	18.430	ng/ul	99
93) Benzo(a)pyrene	24.815	252	1500477	18.431	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.786	276	1888283	18.000	ng/ul	99
95) Dibenzo(a,h)anthracene	28.839	278	1592012m	18.326	ng/ul	
96) Benzo(g,h,i)perylene	29.956	276	1516278m	17.747	ng/ul	

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

