

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102522\
 Data File : BP012323.D
 Acq On : 25 Oct 2022 20:29
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV609

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 26 23:58:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	346849	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	1612395	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	1057230	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	2273896	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	2314066	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	2617250	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	72208	8.382	ng/uL	0.00
4) Pyridine-d5	3.675	84	509230	20.579	ng/u1	0.00
7) Phenol-d5	6.987	99	638642	20.529	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	386054	20.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	489771	21.558	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	520302	21.146	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	252167	24.117	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	276506	25.478	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	521767	22.184	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	769291	21.967	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1584724	21.897	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1802851	21.798	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	302276	22.068	ng/u1	0.00
60) Fluorene-d10	15.457	176	1343605	21.684	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	264926	22.378	ng/u1	0.00
73) Anthracene-d10	17.322	188	2116265	21.600	ng/u1	0.00
81) Pyrene-d10	19.557	212	2460802	21.181	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	2711265	21.201	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	75221	8.214	ng/uL	99
5) Pyridine	3.693	79	499360	20.534	ng/u1	98
6) Benzaldehyde	6.958	77	336487	22.934	ng/u1	98
8) Phenol	7.010	94	665942	20.588	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	547235	21.079	ng/u1	100
12) 2-Chlorophenol	7.375	128	530812	21.463	ng/u1	98
13) 2-Methylphenol	8.263	108	522712	21.013	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	727565	20.898	ng/u1	99
16) Acetophenone	8.646	105	844538	22.100	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	421485	22.910	ng/u1	100
18) 4-Methylphenol	8.593	108	577233	21.231	ng/u1	99
19) Hexachloroethane	8.887	117	205708	21.627	ng/u1	96
22) Nitrobenzene	9.022	77	619588	22.712	ng/u1	99
23) Isophorone	9.552	82	1253091	21.950	ng/u1	99
25) 2-Nitrophenol	9.734	139	316316	24.308	ng/u1	98
26) 2,4-Dimethylphenol	9.799	107	624571	21.858	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.034	93	774007	21.187	ng/u1	100
29) 2,4-Dichlorophenol	10.269	162	535935	21.950	ng/u1	99
30) Naphthalene	10.663	128	1788773	20.933	ng/u1	100
32) 4-Chloroaniline	10.787	127	787623	21.858	ng/u1	99
33) Hexachlorobutadiene	10.940	225	336384	22.145	ng/u1	98
34) Caprolactam	11.587	113	180577m	21.736	ng/u1	
35) 4-Chloro-3-methylphenol	11.916	107	597234	22.262	ng/u1	100
36) 2-Methylnaphthalene	12.281	142	1261174	21.527	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102522\
 Data File : BP012323.D
 Acq On : 25 Oct 2022 20:29
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV609

Quant Time: Oct 26 23:58:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 26 23:40:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	1255538	21.459	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.645	216	669893	21.572	ng/u1	99
40) Hexachlorocyclopentadiene	12.622	237	294855	20.523	ng/u1	99
41) 2,4,6-Trichlorophenol	12.893	196	448865	22.613	ng/u1	99
42) 2,4,5-Trichlorophenol	12.969	196	485686	22.434	ng/u1	98
43) 1,1'-Biphenyl	13.292	154	1615808	20.785	ng/u1	100
44) 2-Chloronaphthalene	13.334	162	1285126	21.037	ng/u1	99
45) 2-Nitroaniline	13.551	65	355644	25.118	ng/u1	95
47) Dimethylphthalate	13.928	163	1657778	21.741	ng/u1	100
48) 2,6-Dinitrotoluene	14.051	165	319286	25.218	ng/u1	98
50) Acenaphthylene	14.187	152	1992032	21.477	ng/u1	99
51) 3-Nitroaniline	14.381	138	347018	22.384	ng/u1	96
52) Acenaphthene	14.528	153	1376170	21.112	ng/u1	99
53) 2,4-Dinitrophenol	14.592	184	185403	21.684	ng/u1	94
55) 4-Nitrophenol	14.692	109	231087	22.297	ng/u1	94
56) Dibenzofuran	14.863	168	1902328	21.377	ng/u1	99
57) 2,4-Dinitrotoluene	14.839	165	477218	25.024	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	423766	23.061	ng/u1	98
59) Diethylphthalate	15.292	149	1647280	22.202	ng/u1	99
61) Fluorene	15.516	166	1521054	21.512	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.510	204	755522	21.784	ng/u1	99
63) 4-Nitroaniline	15.551	138	341166m	24.358	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.610	198	287019	22.754	ng/u1	97
67) N-Nitrosodiphenylamine	15.728	169	1348537	21.057	ng/u1	99
68) 4-Bromophenyl-phenylether	16.410	248	506189	22.162	ng/u1	98
69) Hexachlorobenzene	16.522	284	602018	21.976	ng/u1	98
70) Atrazine	16.692	200	503353	22.688	ng/u1	98
71) Pentachlorophenol	16.875	266	366478	21.783	ng/u1	100
72) Phenanthrene	17.269	178	2536336	21.114	ng/u1	99
74) Anthracene	17.357	178	2552165	21.386	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	673563	20.707	ng/uL	99
76) Pentachlorobenzene	14.781	250	737563	21.473	ng/uL	100
77) Carbazole	17.633	167	2374674	22.341	ng/u1	100
78) Di-n-butylphthalate	18.180	149	2890696	23.410	ng/u1	99
80) Fluoranthene	19.233	202	3026460	21.098	ng/u1	100
82) Pyrene	19.586	202	3126728	21.044	ng/u1	100
83) Butylbenzylphthalate	20.463	149	1329920	24.009	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.233	252	1130465	22.489	ng/u1	99
85) Benzo(a)anthracene	21.298	228	3134543	21.232	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.216	149	1981112	23.389	ng/u1	99
87) Chrysene	21.351	228	2960293	21.449	ng/u1	99
89) Di-n-octyl phthalate	22.139	149	3473932	22.253	ng/u1	100
90) Benzo(b)fluoranthene	22.980	252	3467216	20.921	ng/u1	99
91) Benzo(k)fluoranthene	23.027	252	3264198	20.667	ng/u1	98
93) Benzo(a)pyrene	23.604	252	3042017	21.019	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.204	276	3830546	21.240	ng/u1	99
95) Dibenzo(a,h)anthracene	26.215	278	3452567	21.381	ng/u1	98
96) Benzo(g,h,i)perylene	26.968	276	3426742	21.495	ng/u1	99

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

