

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050323\
 Data File : BP014932.D
 Acq On : 03 May 2023 15:23
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV610

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 23:39:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 03 23:33:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	271220	20.000	ng/u1	0.00
20) Naphthalene-d8	11.005	136	1193487	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.816	164	745780	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.575	188	1575250	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1316234	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1250648	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	57832	7.928	ng/uL	0.00
4) Pyridine-d5	3.899	84	380069	19.063	ng/u1	0.00
7) Phenol-d5	7.311	99	463246	19.701	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.487	67	300071	20.646	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	368272	21.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	384144	21.199	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	185953	21.907	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	198205	22.740	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	380863	22.254	ng/u1	0.00
31) 4-Chloroaniline-d4	11.140	131	540774	21.846	ng/u1	0.00
46) Dimethylphthalate-d6	14.216	166	1210589	22.935	ng/u1	0.00
49) Acenaphthylene-d8	14.510	160	1388088	21.928	ng/u1	0.00
54) 4-Nitrophenol-d4	14.993	143	201310	21.923	ng/u1	0.00
60) Fluorene-d10	15.810	176	1007804	22.193	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	189611	21.382	ng/u1	0.00
73) Anthracene-d10	17.669	188	1523007	21.518	ng/u1	0.00
81) Pyrene-d10	19.886	212	1711993	19.285	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	1344929	22.071	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	61175	7.741	ng/uL	96
5) Pyridine	3.917	79	397460	19.149	ng/u1	98
6) Benzaldehyde	7.293	77	169330m	26.338	ng/u1	
8) Phenol	7.334	94	487049	19.729	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.581	93	415025	20.226	ng/u1	99
12) 2-Chlorophenol	7.722	128	381348	20.360	ng/u1	100
13) 2-Methylphenol	8.611	108	373715	20.302	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.699	45	530977	20.401	ng/u1	99
16) Acetophenone	9.005	105	635710	21.456	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.987	70	328135	21.731	ng/u1	99
18) 4-Methylphenol	8.940	108	418605	20.571	ng/u1	95
19) Hexachloroethane	9.269	117	162323	19.975	ng/u1	96
22) Nitrobenzene	9.387	77	465283	20.862	ng/u1	99
23) Isophorone	9.916	82	951352	21.583	ng/u1	99
25) 2-Nitrophenol	10.110	139	217361	21.684	ng/u1	99
26) 2,4-Dimethylphenol	10.158	107	460484	21.167	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.405	93	592468	21.025	ng/u1	99
29) 2,4-Dichlorophenol	10.646	162	380810	21.512	ng/u1	99
30) Naphthalene	11.057	128	1340010	20.426	ng/u1	100
32) 4-Chloroaniline	11.163	127	549849	21.286	ng/u1	98
33) Hexachlorobutadiene	11.340	225	243049	21.279	ng/u1	99
34) Caprolactam	11.928	113	121022m	22.192	ng/u1	
35) 4-Chloro-3-methylphenol	12.269	107	411496	22.613	ng/u1	100
36) 2-Methylnaphthalene	12.651	142	871187	21.474	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.869	142	888528	21.247	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.016	216	473652	20.361	ng/ul	100
40) Hexachlorocyclopentadiene	12.999	237	300337	19.147	ng/ul	100
41) 2,4,6-Trichlorophenol	13.251	196	305669	21.324	ng/ul	98
42) 2,4,5-Trichlorophenol	13.316	196	338339	21.900	ng/ul	98
43) 1,1'-Biphenyl	13.651	154	1222874	20.510	ng/ul	100
44) 2-Chloronaphthalene	13.698	162	947368	20.398	ng/ul	100
45) 2-Nitroaniline	13.893	65	244350	22.593	ng/ul	97
47) Dimethylphthalate	14.263	163	1202284	21.663	ng/ul	100
48) 2,6-Dinitrotoluene	14.387	165	229228	23.373	ng/ul	99
50) Acenaphthylene	14.540	152	1490951	20.775	ng/ul	100
51) 3-Nitroaniline	14.716	138	182292	20.542	ng/ul	96
52) Acenaphthene	14.881	153	1019767	20.534	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	113087	18.945	ng/ul	97
55) 4-Nitrophenol	15.010	109	151502	21.676	ng/ul	95
56) Dibenzofuran	15.210	168	1413610	21.095	ng/ul	100
57) 2,4-Dinitrotoluene	15.169	165	330716	24.075	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.434	232	289100	22.993	ng/ul	97
59) Diethylphthalate	15.622	149	1186071	22.617	ng/ul	99
61) Fluorene	15.863	166	1149064	21.737	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.851	204	557270	21.542	ng/ul	100
63) 4-Nitroaniline	15.875	138	171565m	23.163	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.934	198	189583	20.155	ng/ul	96
67) N-Nitrosodiphenylamine	16.063	169	964084	20.165	ng/ul	99
68) 4-Bromophenyl-phenylether	16.751	248	340877	20.802	ng/ul	98
69) Hexachlorobenzene	16.869	284	397479	20.592	ng/ul	98
70) Atrazine	17.016	200	328200	20.400	ng/ul	99
71) Pentachlorophenol	17.216	266	232244	20.611	ng/ul	96
72) Phenanthrene	17.616	178	1794632	20.622	ng/ul	100
74) Anthracene	17.704	178	1806246	20.847	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.622	216	491353	18.843	ng/ul	99
76) Pentachlorobenzene	15.134	250	481073	19.391	ng/ul	99
77) Carbazole	17.969	167	1538635	21.114	ng/ul	100
78) Di-n-butylphthalate	18.504	149	1907152	23.404	ng/ul	100
80) Fluoranthene	19.563	202	2002833	18.386	ng/ul	100
82) Pyrene	19.916	202	2107176	18.258	ng/ul	99
83) Butylbenzylphthalate	20.775	149	777108	22.427	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.563	252	526903	23.784	ng/ul	98
85) Benzo(a)anthracene	21.639	228	1854654	21.111	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	1071925	24.586	ng/ul	100
87) Chrysene	21.692	228	1795714	20.300	ng/ul	100
89) Di-n-octyl phthalate	22.527	149	1666288	22.819	ng/ul	100
90) Benzo(b)fluoranthene	23.451	252	1732246	21.431	ng/ul	99
91) Benzo(k)fluoranthene	23.504	252	1719513	20.903	ng/ul	99
93) Benzo(a)pyrene	24.139	252	1473294	20.784	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.015	276	1567270	18.126	ng/ul	98
95) Dibenzo(a,h)anthracene	27.039	278	1320052	18.626	ng/ul	99
96) Benzo(g,h,i)perylene	27.868	276	1259892	17.120	ng/ul	97

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

