

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020723\
 Data File : BP013785.D
 Acq On : 07 Feb 2023 19:15
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SICV616

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/08/2023
 Supervised By : Jagrut Upadhyay 02/08/2023

Quant Time: Feb 08 00:40:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 08 00:37:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.122	152	171257	20.000	ng/u1	0.00
20) Naphthalene-d8	10.952	136	795034	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	566725	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.516	188	1361025	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	1422859	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1540619	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.470	96	28003	6.777	ng/uL	0.00
4) Pyridine-d5	3.905	84	201891	16.481	ng/u1	0.00
7) Phenol-d5	7.269	99	255941	16.773	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.440	67	171579	19.189	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	198902	17.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	218014	17.481	ng/u1	0.00
21) Nitrobenzene-d5	9.299	128	99766	18.036	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	115013	18.008	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	229033	17.597	ng/u1	0.00
31) 4-Chloroaniline-d4	11.087	131	307458	16.665	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	780012	17.475	ng/u1	0.00
49) Acenaphthylene-d8	14.457	160	861962	17.839	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	138379	17.401	ng/u1	0.00
60) Fluorene-d10	15.751	176	656738	17.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	142330	17.046	ng/u1	0.00
73) Anthracene-d10	17.610	188	1072486	17.233	ng/u1	0.00
81) Pyrene-d10	19.833	212	1345571	16.676	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1343358	17.402	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.505	88	29314	6.609	ng/uL	97
5) Pyridine	3.922	79	195422	16.143	ng/u1	100
6) Benzaldehyde	7.252	77	190519	27.687	ng/u1	100
8) Phenol	7.299	94	277681	17.728	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.534	93	220618	17.577	ng/u1	97
12) 2-Chlorophenol	7.681	128	209508	18.178	ng/u1	99
13) 2-Methylphenol	8.563	108	212719	17.792	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.658	45	257689	18.049	ng/u1	99
16) Acetophenone	8.952	105	375624	18.780	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.934	70	186884	18.815	ng/u1	99
18) 4-Methylphenol	8.893	108	237871	18.021	ng/u1	99
19) Hexachloroethane	9.216	117	85242	18.062	ng/u1	99
22) Nitrobenzene	9.340	77	263640	18.116	ng/u1	99
23) Isophorone	9.869	82	536724	17.481	ng/u1	100
25) 2-Nitrophenol	10.057	139	128247	18.526	ng/u1	99
26) 2,4-Dimethylphenol	10.105	107	273782	17.763	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.346	93	324246	17.487	ng/u1	97
29) 2,4-Dichlorophenol	10.593	162	231045	18.031	ng/u1	98
30) Naphthalene	11.004	128	734217	17.348	ng/u1	100
32) 4-Chloroaniline	11.110	127	327495	17.608	ng/u1	100
33) Hexachlorobutadiene	11.287	225	159523	17.673	ng/u1	98
34) Caprolactam	11.887	113	82330	18.311	ng/u1	92
35) 4-Chloro-3-methylphenol	12.216	107	265726	17.963	ng/u1	99
36) 2-Methylnaphthalene	12.599	142	544146	18.287	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.816	142	506551	16.476	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	327280	18.326	ng/u1	99
40) Hexachlorocyclopentadiene	12.940	237	192359	16.775	ng/u1	98
41) 2,4,6-Trichlorophenol	13.193	196	212451	18.128	ng/u1	99
42) 2,4,5-Trichlorophenol	13.263	196	234151	18.458	ng/u1	98
43) 1,1'-Biphenyl	13.598	154	756738	17.796	ng/u1	100
44) 2-Chloronaphthalene	13.640	162	581699	17.388	ng/u1	99
45) 2-Nitroaniline	13.840	65	155591	19.310	ng/u1	94
47) Dimethylphthalate	14.210	163	779943	17.617	ng/u1	99
48) 2,6-Dinitrotoluene	14.328	165	161891	20.930	ng/u1	99
50) Acenaphthylene	14.487	152	938123	17.998	ng/u1	99
51) 3-Nitroaniline	14.663	138	166724	21.802	ng/u1	96
52) Acenaphthene	14.822	153	634007	17.378	ng/u1	99
53) 2,4-Dinitrophenol	14.863	184	95006	17.224	ng/u1	94
55) 4-Nitrophenol	14.957	109	125180	17.940	ng/u1	99
56) Dibenzofuran	15.157	168	920206	17.593	ng/u1	97
57) 2,4-Dinitrotoluene	15.116	165	222999	19.338	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	225810m	18.886	ng/u1	
59) Diethylphthalate	15.569	149	779085	17.525	ng/u1	99
61) Fluorene	15.810	166	753354	17.655	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.792	204	391877	17.662	ng/u1	98
63) 4-Nitroaniline	15.822	138	175228	24.197	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.881	198	147369	18.003	ng/u1#	94
67) N-Nitrosodiphenylamine	16.010	169	663666	17.940	ng/u1	99
68) 4-Bromophenyl-phenylether	16.692	248	253063	17.607	ng/u1	96
69) Hexachlorobenzene	16.816	284	297203	17.746	ng/u1	98
70) Atrazine	16.957	200	261917	17.704	ng/u1	100
71) Pentachlorophenol	17.157	266	188404	17.287	ng/u1	99
72) Phenanthrene	17.557	178	1247518	17.322	ng/u1	100
74) Anthracene	17.645	178	1275238	17.599	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.563	216	326141	17.951	ng/uL	99
76) Pentachlorobenzene	15.075	250	329687	17.584	ng/uL	98
77) Carbazole	17.910	167	1176759	18.436	ng/u1	100
78) Di-n-butylphthalate	18.445	149	1366892	17.657	ng/u1	99
80) Fluoranthene	19.504	202	1560694	16.896	ng/u1	99
82) Pyrene	19.857	202	1642041	16.673	ng/u1	99
83) Butylbenzylphthalate	20.710	149	589516	17.490	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.498	252	657437	20.530	ng/u1	99
85) Benzo(a)anthracene	21.575	228	1710444	17.593	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	923461	17.892	ng/u1	99
87) Chrysene	21.633	228	1615366	17.611	ng/u1	98
89) Di-n-octyl phthalate	22.451	149	1600224	15.095	ng/u1	100
90) Benzo(b)fluoranthene	23.363	252	1773126	17.260	ng/u1	99
91) Benzo(k)fluoranthene	23.416	252	1690302	16.585	ng/u1	99
93) Benzo(a)pyrene	24.039	252	1510940	17.353	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.857	276	1742777	17.845	ng/u1	97
95) Dibenzo(a,h)anthracene	26.874	278	1453258	17.814	ng/u1	99
96) Benzo(g,h,i)perylene	27.686	276	1368832	17.604	ng/u1	99

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

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