

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101521\
 Data File : BN016979.D
 Acq On : 15 Oct 2021 18:18
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV228

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:08:38 PM

Quant Time: Oct 15 18:50:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101521MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 15 17:45:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	102872	20.00	ng/ul	0.00
20) Naphthalene-d8	10.322	136	493765	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.198	164	337460	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	725341	20.00	ng/ul	0.00
79) Chrysene-d12	21.168	240	813502	20.00	ng/ul	0.00
88) Perylene-d12	23.386	264	918549	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	18180	8.11	ng/uL	0.00
4) Pyridine-d5	3.469	84	140783	20.58	ng/ul	0.00
7) Phenol-d5	6.734	99	183192	20.58	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.898	67	108769	21.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.081	132	148184	21.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.263	113	155170	21.38	ng/ul	0.00
21) Nitrobenzene-d5	8.698	128	75145	22.06	ng/ul	0.00
24) 2-Nitrophenol-d4	9.416	143	85970	22.93	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.951	165	158846	22.49	ng/ul	0.00
31) 4-Chloroaniline-d4	10.469	131	231863	21.81	ng/ul	0.00
46) Dimethylphthalate-d6	13.622	166	506625	22.36	ng/ul	0.00
49) Acenaphthylene-d8	13.886	160	637119	22.07	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	101911	21.78	ng/ul	0.00
60) Fluorene-d10	15.198	176	433134	22.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.333	200	92005	21.82	ng/ul	0.00
73) Anthracene-d10	17.051	188	684289	22.02	ng/ul	0.00
81) Pyrene-d10	19.362	212	781792	21.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.239	264	969832	21.27	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.110	88	20128	8.10	ng/uL	95
5) Pyridine	3.487	79	143160	20.75	ng/ul	98
6) Benzaldehyde	6.698	77	117115	25.31	ng/ul	99
8) Phenol	6.763	94	192745	21.02	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.987	93	152213	21.34	ng/ul	99
12) 2-Chlorophenol	7.116	128	152971	21.59	ng/ul	97
13) 2-Methylphenol	7.998	108	147770	21.23	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.081	45	198838	21.68	ng/ul	98
16) Acetophenone	8.369	105	245866	21.96	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.357	70	125815	22.70	ng/ul	100
18) 4-Methylphenol	8.328	108	167628	21.63	ng/ul	98
19) Hexachloroethane	8.610	117	59138	21.67	ng/ul	95
22) Nitrobenzene	8.739	77	178114	22.00	ng/ul	99
23) Isophorone	9.263	82	358743	22.68	ng/ul	99
25) 2-Nitrophenol	9.445	139	95054	22.49	ng/ul	98
26) 2,4-Dimethylphenol	9.522	107	186932	22.31	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.757	93	222603	21.96	ng/ul	100
29) 2,4-Dichlorophenol	9.981	162	154092	21.76	ng/ul	98
30) Naphthalene	10.375	128	537218	21.62	ng/ul	99
32) 4-Chloroaniline	10.492	127	241388	22.13	ng/ul	100
33) Hexachlorobutadiene	10.663	225	93616	21.64	ng/ul	93
34) Caprolactam	11.239	113	60029m	22.26	ng/ul	
35) 4-Chloro-3-methylphenol	11.633	107	178795	22.74	ng/ul	97
36) 2-Methylnaphthalene	11.998	142	378242	22.11	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.216	142	386378	22.00	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.369	216	194820	21.70	ng/ul	99
40) Hexachlorocyclopentadiene	12.351	237	113721	20.31	ng/ul	96
41) 2,4,6-Trichlorophenol	12.622	196	129419	22.11	ng/ul	99
42) 2,4,5-Trichlorophenol	12.692	196	144636	22.35	ng/ul	97
43) 1,1'-Biphenyl	13.028	154	510550	21.51	ng/ul	99
44) 2-Chloronaphthalene	13.063	162	395169	21.73	ng/ul	98
45) 2-Nitroaniline	13.280	65	111240	23.25	ng/ul	99
47) Dimethylphthalate	13.675	163	507970	22.00	ng/ul	99
48) 2,6-Dinitrotoluene	13.792	165	103021	23.33	ng/ul	95
50) Acenaphthylene	13.916	152	668199	22.13	ng/ul	99
51) 3-Nitroaniline	14.116	138	115618	22.92	ng/ul	95
52) Acenaphthene	14.263	153	431298	22.11	ng/ul	99
53) 2,4-Dinitrophenol	14.327	184	60754	20.07	ng/ul	98
55) 4-Nitrophenol	14.439	109	74006	21.89	ng/ul	98
56) Dibenzofuran	14.604	168	620663	22.10	ng/ul	97
57) 2,4-Dinitrotoluene	14.580	165	158073	23.82	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.833	232	124265	22.57	ng/ul	97
59) Diethylphthalate	15.051	149	513537	22.29	ng/ul	99
61) Fluorene	15.257	166	497606	22.23	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.263	204	243653	22.24	ng/ul	98
63) 4-Nitroaniline	15.286	138	121648	23.90	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.345	198	93495	21.94	ng/ul	96
67) N-Nitrosodiphenylamine	15.474	169	435313	22.10	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	155908	22.12	ng/ul	99
69) Hexachlorobenzene	16.257	284	194501	22.09	ng/ul	98
70) Atrazine	16.439	200	161490	22.28	ng/ul	99
71) Pentachlorophenol	16.610	266	111322	21.39	ng/ul	98
72) Phenanthrene	16.998	178	818826	21.99	ng/ul	99
74) Anthracene	17.086	178	833294	22.29	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.986	216	206000	21.65	ng/uL	99
76) Pentachlorobenzene	14.522	250	214538	21.46	ng/uL	98
77) Carbazole	17.363	167	764536	22.83	ng/ul	100
78) Di-n-butylphthalate	17.951	149	891470	23.47	ng/ul	100
80) Fluoranthene	19.027	202	985046	21.79	ng/ul	98
82) Pyrene	19.392	202	1015175	21.49	ng/ul	99
83) Butylbenzylphthalate	20.321	149	402999	22.71	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.098	252	381109	23.14	ng/ul	94
85) Benzo(a)anthracene	21.151	228	1043539	21.73	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.109	149	640042	23.62	ng/ul	99
87) Chrysene	21.204	228	1015883	21.54	ng/ul	98
89) Di-n-octyl phthalate	21.986	149	1103109	23.02	ng/ul	100
90) Benzo(b)fluoranthene	22.715	252	1144104	21.28	ng/ul	99
91) Benzo(k)fluoranthene	22.762	252	1119311	22.25	ng/ul	99
93) Benzo(a)pyrene	23.286	252	1147317	21.92	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.615	276	1396235	21.81	ng/ul	99
95) Dibenzo(a,h)anthracene	25.633	278	1206395	22.29	ng/ul	97
96) Benzo(g,h,i)perylene	26.297	276	1199791	22.03	ng/ul	99

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

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