

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
 Data File : BN014892.D
 Acq On : 12 Jun 2021 13:36
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV059

Manual Integrations
 APPROVED

mohammad
 6/14/2021 5:49:33 PM

Quant Time: Jun 14 02:39:11 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 02:36:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	94347	20.00	ng/ul	0.00
20) Naphthalene-d8	10.475	136	363266	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	264580	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	622308	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	795817	20.00	ng/ul	0.00
88) Perylene-d12	23.551	264	868438	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	11964	6.74	ng/uL	0.00
4) Pyridine-d5	3.610	84	73831	17.89	ng/ul	0.00
7) Phenol-d5	6.863	99	122545	17.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	64658	19.31	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	94315	17.41	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	98706	16.39	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	50904	18.67	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	55372	17.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	115149	18.50	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	123411	16.74	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	375317	17.84	ng/ul	0.00
49) Acenaphthylene-d8	14.033	160	428857	18.65	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	50861	17.21	ng/ul	0.00
60) Fluorene-d10	15.339	176	311599	18.16	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	62078	16.69	ng/ul	0.00
73) Anthracene-d10	17.192	188	500949	17.79	ng/ul	0.00
81) Pyrene-d10	19.498	212	665330	18.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	819325	18.88	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	14874	7.52	ng/uL#	92
5) Pyridine	3.628	79	56613m	13.23	ng/ul	
6) Benzaldehyde	6.834	77	96380	27.14	ng/ul#	80
8) Phenol	6.893	94	123247	17.58	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.116	93	95905	18.13	ng/ul	96
12) 2-Chlorophenol	7.257	128	96627	16.79	ng/ul	97
13) 2-Methylphenol	8.134	108	99955	18.00	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.210	45	59878	17.39	ng/ul#	85
16) Acetophenone	8.504	105	182255	18.81	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.493	70	83000	18.12	ng/ul#	88
18) 4-Methylphenol	8.463	108	103823	17.38	ng/ul	95
19) Hexachloroethane	8.763	117	57752	19.33	ng/ul#	90
22) Nitrobenzene	8.881	77	132214	18.18	ng/ul#	91
23) Isophorone	9.404	82	223692	17.06	ng/ul#	94
25) 2-Nitrophenol	9.592	139	61732	19.72	ng/ul	88
26) 2,4-Dimethylphenol	9.657	107	152169	18.08	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	9.892	93	129354	18.03	ng/ul#	97
29) 2,4-Dichlorophenol	10.128	162	108311	18.30	ng/ul	94
30) Naphthalene	10.522	128	325863	17.87	ng/ul	98
32) 4-Chloroaniline	10.634	127	130554	17.94	ng/ul#	87
33) Hexachlorobutadiene	10.816	225	101835	17.45	ng/ul	95
34) Caprolactam	11.398	113	30678	16.79	ng/ul#	82
35) 4-Chloro-3-methylphenol	11.769	107	147350	19.18	ng/ul	94
36) 2-Methylnaphthalene	12.145	142	246648	18.45	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	224688	16.65	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.522	216	172497	18.76	ng/ul#	92
40) Hexachlorocyclopentadiene	12.504	237	133762	19.62	ng/ul#	88
41) 2,4,6-Trichlorophenol	12.763	196	93404	17.51	ng/ul	96
42) 2,4,5-Trichlorophenol	12.839	196	108185	18.44	ng/ul	93
43) 1,1'-Biphenyl	13.169	154	349539	19.23	ng/ul#	94
44) 2-Chloronaphthalene	13.210	162	267520	18.43	ng/ul	97
45) 2-Nitroaniline	13.416	65	77020	18.12	ng/ul#	87
47) Dimethylphthalate	13.798	163	362942	18.31	ng/ul	97
48) 2,6-Dinitrotoluene	13.916	165	75148	19.57	ng/ul	90
50) Acenaphthylene	14.063	152	419304	20.11	ng/ul	96
51) 3-Nitroaniline	14.251	138	61492	19.36	ng/ul	80
52) Acenaphthene	14.410	153	277479	17.92	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	33154	15.66	ng/ul	87
55) 4-Nitrophenol	14.569	109	87110	17.67	ng/ul#	85
56) Dibenzofuran	14.745	168	418986	18.57	ng/ul#	83
57) 2,4-Dinitrotoluene	14.710	165	113064	19.01	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.969	232	106412m	19.20	ng/ul	
59) Diethylphthalate	15.175	149	365288	18.13	ng/ul	96
61) Fluorene	15.398	166	329606	18.27	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.392	204	191762	19.12	ng/ul#	82
63) 4-Nitroaniline	15.416	138	66297	21.20	ng/ul#	68
66) 4,6-Dinitro-2-methylph...	15.475	198	60940	16.78	ng/ul#	75
67) N-Nitrosodiphenylamine	15.610	169	298794	18.50	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	139119	18.61	ng/ul#	87
69) Hexachlorobenzene	16.410	284	167203	17.27	ng/ul	98
70) Atrazine	16.563	200	133006	18.20	ng/ul#	88
71) Pentachlorophenol	16.751	266	81042	17.09	ng/ul#	82
72) Phenanthrene	17.139	178	557396	17.90	ng/ul	96
74) Anthracene	17.227	178	568981	18.11	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.133	216	168560	17.84	ng/uL	94
76) Pentachlorobenzene	14.663	250	185642	17.84	ng/uL	98
77) Carbazole	17.504	167	490187	18.66	ng/ul	97
78) Di-n-butylphthalate	18.074	149	602545	18.39	ng/ul	99
80) Fluoranthene	19.163	202	732995	17.38	ng/ul#	94
82) Pyrene	19.527	202	770803	17.23	ng/ul	96
83) Butylbenzylphthalate	20.439	149	288909	17.52	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.215	252	341065	23.39	ng/ul	92
85) Benzo(a)anthracene	21.280	228	844107	18.11	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	442378	18.21	ng/ul	99
87) Chrysene	21.333	228	848677	18.37	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	827930	18.26	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1010876	20.03	ng/ul	98
91) Benzo(k)fluoranthene	22.921	252	908200	18.31	ng/ul	99
93) Benzo(a)pyrene	23.451	252	941106m	20.53	ng/ul	
94) Indeno(1,2,3-cd)pyrene	25.827	276	1119804	18.97	ng/ul	95
95) Dibenzo(a,h)anthracene	25.833	278	975430	20.19	ng/ul	97
96) Benzo(g,h,i)perylene	26.509	276	972534	18.76	ng/ul	94

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

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