

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014921.D
 Acq On : 15 Jun 2021 12:07
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020099

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:42:24 PM

Quant Time: Jun 15 12:37:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 10:46:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	191598	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	674127	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	498934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1161789	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	1394706	20.000	ng/ul	# 0.00
88) Perylene-d12	23.562	264	1587789	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	29588	8.212	ng/uL	0.01
4) Pyridine-d5	3.611	84	162571	19.398	ng/ul	0.00
7) Phenol-d5	6.869	99	276959	19.298	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	139450	20.510	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	216409	19.666	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	234432	19.168	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	111619	22.065	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	125450	21.868	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	251762	21.797	ng/ul	0.00
31) 4-Chloroaniline-d4	10.616	131	282994	20.688	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	808004	20.371	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	909249	20.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	108642	19.499	ng/ul	0.00
60) Fluorene-d10	15.345	176	671872	20.765	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	136505	19.656	ng/ul	0.00
73) Anthracene-d10	17.198	188	1077219	20.488	ng/ul	0.00
81) Pyrene-d10	19.504	212	1309931	20.363	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	1621360	20.432	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	26070	6.487	ng/uL	94
5) Pyridine	3.628	79	161813	18.614	ng/ul#	84
6) Benzaldehyde	6.834	77	162981	22.596	ng/ul	94
8) Phenol	6.893	94	285555	20.054	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.122	93	215989	20.101	ng/ul	94
12) 2-Chlorophenol	7.257	128	220543	18.865	ng/ul	93
13) 2-Methylphenol	8.140	108	229430	20.344	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.222	45	132298	18.923	ng/ul	98
16) Acetophenone	8.510	105	395690	20.106	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.498	70	174725	18.784	ng/ul#	90
18) 4-Methylphenol	8.463	108	239221	19.717	ng/ul	95
19) Hexachloroethane	8.763	117	117738	19.409	ng/ul#	90
22) Nitrobenzene	8.887	77	298535	22.125	ng/ul#	90
23) Isophorone	9.404	82	516924	21.241	ng/ul#	90
25) 2-Nitrophenol	9.593	139	131130	22.573	ng/ul	90
26) 2,4-Dimethylphenol	9.657	107	330573	21.160	ng/ul	88
27) Bis(2-Chloroethoxy)met...	9.898	93	287501	21.600	ng/ul#	96
29) 2,4-Dichlorophenol	10.128	162	246095	22.408	ng/ul	93
30) Naphthalene	10.528	128	697116	20.605	ng/ul	98
32) 4-Chloroaniline	10.640	127	283503	20.990	ng/ul	90
33) Hexachlorobutadiene	10.816	225	238845	22.048	ng/ul	93
34) Caprolactam	11.392	113	68518m	20.204	ng/ul	
35) 4-Chloro-3-methylphenol	11.775	107	309829	21.738	ng/ul	90
36) 2-Methylnaphthalene	12.151	142	513641	20.706	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	527575	21.065	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.522	216	368070	21.228	ng/ul#	96
40) Hexachlorocyclopentadiene	12.504	237	272198	21.177	ng/ul	88
41) 2,4,6-Trichlorophenol	12.769	196	211950	21.066	ng/ul	97
42) 2,4,5-Trichlorophenol	12.839	196	231715	20.940	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	714187	20.838	ng/ul#	96
44) 2-Chloronaphthalene	13.210	162	568853	20.783	ng/ul	96
45) 2-Nitroaniline	13.422	65	163935	20.452	ng/ul	88
47) Dimethylphthalate	13.804	163	760936	20.355	ng/ul	96
48) 2,6-Dinitrotoluene	13.922	165	151318	20.893	ng/ul	93
50) Acenaphthylene	14.063	152	777604	19.777	ng/ul	98
51) 3-Nitroaniline	14.251	138	124097	20.720	ng/ul	87
52) Acenaphthene	14.410	153	580533	19.877	ng/ul	96
53) 2,4-Dinitrophenol	14.463	184	77573	19.428	ng/ul	86
55) 4-Nitrophenol	14.575	109	180946	19.465	ng/ul#	80
56) Dibenzofuran	14.745	168	868885	20.420	ng/ul#	72
57) 2,4-Dinitrotoluene	14.716	165	235260	20.974	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	14.975	232	228659	21.884	ng/ul#	89
59) Diethylphthalate	15.181	149	770267	20.275	ng/ul	96
61) Fluorene	15.398	166	667520	19.618	ng/ul	87
62) 4-Chlorophenyl-phenyle...	15.398	204	396081	20.938	ng/ul#	84
63) 4-Nitroaniline	15.422	138	115566	19.597	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.480	198	134709	19.874	ng/ul	93
67) N-Nitrosodiphenylamine	15.610	169	614576	20.379	ng/ul	96
68) 4-Bromophenyl-phenylether	16.292	248	304587	21.825	ng/ul#	82
69) Hexachlorobenzene	16.410	284	374806	20.737	ng/ul#	92
70) Atrazine	16.569	200	275184	20.171	ng/ul	98
71) Pentachlorophenol	16.751	266	196721	22.216	ng/ul	97
72) Phenanthrene	17.139	178	1186974	20.414	ng/ul	98
74) Anthracene	17.233	178	1192797	20.333	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	375149	21.263	ng/ul	93
76) Pentachlorobenzene	14.669	250	432376	22.262	ng/ul	96
77) Carbazole	17.504	167	991107	20.214	ng/ul	98
78) Di-n-butylphthalate	18.074	149	1252437	20.471	ng/ul	99
80) Fluoranthene	19.169	202	1564866	21.168	ng/ul#	95
82) Pyrene	19.533	202	1588829	20.265	ng/ul#	93
83) Butylbenzylphthalate	20.445	149	598494	20.715	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	499468	19.541	ng/ul	94
85) Benzo(a)anthracene	21.286	228	1666677	20.402	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	843147	19.809	ng/ul	97
87) Chrysene	21.339	228	1682983	20.789	ng/ul	98
89) Di-n-octyl phthalate	22.115	149	1621802	19.564	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	1901378	20.609	ng/ul	95
91) Benzo(k)fluoranthene	22.927	252	1940604	21.397	ng/ul	96
93) Benzo(a)pyrene	23.468	252	1725007	20.587	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.845	276	2268800	21.021	ng/ul#	95
95) Dibenzo(a,h)anthracene	25.856	278	1831666	20.735	ng/ul	94
96) Benzo(g,h,i)perylene	26.539	276	1964140	20.722	ng/ul#	90

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

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